	x	SUSPENSE ACCOUNT.	8					
Total receipts.	Total.	Deposits,	Advances.	Grant from Government.			Districts.	
Ba. A. P	Be. A. P.	Re. A. P.	Re, A. P.	Re. A. P.	1			-
56, 236 1 13, 250 8 27, 109 7 68, 390 6 45, 301 4 52, 341 1 32, 267 7 38, 765 4 26, 113 1 31, 699 15 28, 611 4 28, 131 1 28, 331 7 29, 331 29, 331 29, 331 29, 341 29, 331 29, 341 29,	4,539 8 8 160 0 0 2,618 6 0 0 8,014 7 7 8 2,160 0 0 0 10,821 15 10 8,088 4 8 1,405 15 5 1,341 8 0 1,000 14 0 1	512 9 6 110 0 9 2,929 0 0 2,166 0 0 60 0 0 402 4 0 1,155 0 0 386 4 0 640 0 0 529 0 0 1,350 0 0 6,870 13 5 2,471 2 0 2,710 5 6 771 9 0 1,254 0 0 6,800 0 0 210 0 0 155 0 0	\$\\ \begin{array}{cccccccccccccccccccccccccccccccccccc	2,516 9 8 5,600 0 0 0 174 8 9 174 8 9 174 8 9 175 0 12 9 172 1 2 10,600 0 0 17,673 1 7 200 11 9	200 - 200 -	wrah	Khoolna Moorshethuad Dinsgepore Rangspore Rangspore Rangspore Rangspore Baogra Pubris Darjeeling Julpigoreo Dacca Furreedporo Backergungo Tipperah Mymensingh Chitlagong Noakholly Patna Gya Sinahabad Mozafferporo Durbhungs Rartin Chumparun Monghyr Hangalpur Purneah Maldah Cuttack Pooree Hasaribagh Lohnsdungs	SC CERS DISTRICTS.
16,84,083 4 0	1,12,241 3 8	38,315 8 8	77,025 18 0	42,191 2 5		Total		
1,110 9 8 910 7 8 8,463 0 0	1,110 9 8 600 0 0 2,463 0 0	600 0 0	1,110 D 8	00+404 90+904 90+904	244 244 241	Tracts mhis	Chittager Hill Sonthal Pergun Bing bhoom	} *
4,604 0 0	4,178 9 8	600 0 0	8,673 9 8	391100	141	Total		,
14,00,407 4 8	1,16,614 18 6	26,816 6 8	80,500 8 8	42,191 2 3	-	TOTAL	GRANE	

Ro. A. P.	Rs. A. P. 61,526 6 0	Ro. A. P.	Rs. A. P.		
1,133 16 3 3 164 3 3 164 3 3 164 3 3 164 3 3 164 3 3 164 3 1	17,734 5 6 8 33,037 8 7 72,067 11 1 1,18,466 7 11 27,460 11 9 34,690 11 9 34,690 13 7 44,785 14 0 77,601 7 6 58,600 13 7 42,845 13 2 40,029 5 6 81,634 4 5 34,035 2 2 45,385 1 10 22,775 4 10 22,775 4 10 22,775 4 10 23,775 4 10 23,775 4 10 23,775 4 10 23,775 4 10 23,775 4 10 23,775 4 10 23,775 4 10 23,775 4 10 23,775 4 10 23,775 4 10 23,775 4 10 23,775 4 11 1,15,174 13 5 6 66,894 13 5 66,894 13 5 66,894 13 5 66,894 13 5 68,894 13 5 68,894 13 5 11 1,15,174 13 6 12,1612 5 8 1,18,774 13 6 1,18,774 13 6 1,18,774 13 6 1,18,774 13 6 1,18,774 13 6 1,18,774 13 6 1,18,774 13 6 1,18,774 13 6 1,18,774 13 6 1,18,774 13 6 1,18,774 13 6 1,18,774 15 6 1,1	45,231 6 4 7,336 8 1 14,311 1 3 29,249 5 10 1 24,146 8 10 21,178 6 10 21,178 6 10 21,178 6 10 21,176 7 11 22,566 9 0 25,104 12 2 25,610 10 25,104 13 2 25,104 13 2 25,104 13 2 25,104 13 0 20,233 12 0 11,004 3 2 11,004 3 2 11,004 10 10 20,733 9 0 38,322 8 11 10,105 10 6 30,255 3 8 43,772 13 0 51,807 5 10 38,687 6 4 40,892 14 7 38,990 3 6 74,350 0 4 42,944 12 10 22,277 1 0 22,204 11 15,412 10 25,204 11 15,412 10 25,204 11 16,813 8 10 18,014 7 6 28,612 16 6 9,372 11 2 18,001 9 5 6,038 14 10	16,264 15 8 10,397 18 5 18,276 7 4 48,285 5 3 70,475 18 0 25,2475 18 0 35,463 2 11 16,817 13 1 16,817 13 1 16,817 13 1 16,824 6 8 19,794 4 2 1,924 9 4 58,018 3 10 7,033 16 0 20,887 12 11 12,830 1 2 2,291 18 8 34,428 4 5 65,342 10 0 50,449 4 0 50,049 9 0 20,251 11 1 46,033 14 3 1,92,532 12 5 46,447 6 9 75,553 1 0 46,024 13 4 70,237 0 1 10,244 5 5 61,595 13 7 72,601 4 10 12,884 11 11 29,837 7 5 15,631 12 8 2,245 8 0 20,974 15 6 7,123 16 1 50,840 9 6	Burdwau Hankoora Heerbhoom Midnapore Hooghly and Howrah 24-fregunals Noddea Jessore Khoelus Moorshedabad Dinnespore Halshahye Alaishahye Julpigoree Durleding Julpigoree Durleding Julpigoree Durleding Julpigoree Tipperal Mymensingh Chittagong Noekholly Paten Gya Shababad Moordforpore Durlunga Sarun Chumparun Chumparun Monabyr Hangalpur Parneah Monabyr Halagalpur Halagalpur Parneah Mandah Cuttack Progree Balasore Halagarlpur Halagalpur Halagalpu	10 See Constitution of the
10,509 13 8	26,11,258 4 11	11,30,013 3 6	14,75,248 1 5	Total.	
306 3 9	8,574 2 6 58,009 1 7 8,562 7 8	7,296 2 0 9,492 14 11 4,825 13 6	1,578 0 6 44,475 2 8 4,636 10 8	Chiltagone Hill Tracts Southal Perguanalis Singbhoom	Nos-case
804 R P	71,404 11 9	21,314 14 6	50,099 13 4	Total.	
10,874 0 0	20,82,063 0 8	11,87,328 1 11	15,25,384 14 9	GRAND TOTAL.	
	62s 10 3	38,000 13 7 42,365 13 2 40,020 5 6 83,035 4 5 83,035 4 5 83,035 4 5 83,035 1 10 76 8 0 23,775 4 18 23,775 4 18 23,775 4 18 23,775 4 18 23,775 4 18 23,775 4 18 23,775 4 18 23,775 4 18 23,775 4 18 23,775 4 18 23,775 4 18 23,775 4 18 23,775 4 18 23,775 4 18 23,775 2 11 60,888 5 11 1,21,513 7 6 60,988 5 11 1,21,513 7 6 60,988 5 11 1,21,513 7 6 60,04 8 10 67,571 4 1 306 4 5 1,41,119 12 9 60,380 5 4 1,14,522 5 8 1,14,774 13	\$8,000 13 7 21,500 7 11 42,000 13 7 22,500 0 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Section Sect	23,00

	1		Resumbs.		PROVINCIAL RATES.	Administration.						
Districts,		Ceso.	Other receipts.	Total,	Establishment and contin- grencies of office of collection.	Establishment and contingencies of committee's office.	Percentage cost of estab- lishment for offices of account and control.	Total,				
		Re. A. P.	Rs. A. P.	Ra. A. P.	Rs. A. P.	Ru. A. P.	Rs. A. P.	Ro. A. P.				
Bunkoora Bearbhoom Midnapore S Hooshly and Howrah 24 Pergunnaha Nuddes Jessore Khoolna Dinasepore Bajahahye Rangpore Bogra Borres Borres Borres Borres Borres Borres Bogra Borres Bo	100 100	400 12 8 65 11 6 175 18 9 10 12 6 4 9 6 8 14 6 6 11 1 6 11 1 6 11 1 1 1 6 11 1 1 6 11 1 1 6 11 1 1 6 11 1 1 6 11 1 1 6 11 1 1 6 11 1 1 6 11 1 1 6 11 1 1 6 11 1 1 6 11 1 1 6 11 1 1 6 11 1 1 6 11 1 1 6 11 1 1 6 11 1 1 6 11 1 1 6 11 1 1 6 11 1 1 1 6 11 1 1 1 6 11 1 1 1 6 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 10 9 55 9 9 59 3 0 51 7 0 4 23 6 30 5 9 42 7 6 51 0 5 60 2 0 62 4 6 62 4 6 63 0 0 69 3 10 69 3 10	2 10 9 25 0 9 469 12 3 124 13 6 175 13 6 16 15 9 287 1 0 18 10 0 28 2 1 10 0 28 3 8 0 25 2 2 47 13 0 127 14 0 29 8 10 29 8 10	6,156 8 9 1,355 2 9 520 10 5 1,127 12 4 8,52 12 0 775 15 4 855 12 0 775 7 744 6 6 627 9 0 674 15 7 770 9 0 9,14 5 10 382 10 0 940 0 0 0 940 10 0 940 10 0 940 10 0 940 10 0 940 11 10 940 10 0 940 11 10 950 17 10 950 17 10 950 17 10 950 17 10 950 17 10 950 18 10 950 18 10 950 18 10 950 18 10 950 18 10 950 18 10 950 18 10 950 18 10 950 18 10 950 18 10 950 18 10 950 18 10 950 18 10 950 18 10 950 18 10 950 18 10	180 130	1,140 6 10 286 11 6 286 11 6 286 11 6 286 11 6 2867 14 6 28676 14 6 28676 14 6 28676 14 6 28676 14 6 28676 14 6 28676 14 6 2868 10 474 15 5 677 2 11 671 2 10 286 1 1	1,679 8 19 467 7 6 487 7 6 487 7 6 487 7 6 487 7 6 487 8 6 487 9 8 485 0 9 485				
Total	901	3,807 0 4	878 16 10	3,744 0 2	50,136 15 6	16,360 5 0	35;163 5 2	\$1,031 10 1				
Chittagong Hill Tracts Southal Pergunnahs	200 200 201	**************************************	, yes estant estant	83.8918 83.8918 865.008	****** ****** ******	190 14 3 24 3 9	#1-1985 26,61% 200922	190 14 8 96 8 0				
Total	g++ :	11×656	*****	*****	461441	234 2 0	ши	106 2 0				
GRAND TOTAL	281	3,867 0 4	876 15 10	3,744 0 2	69,130 18 6	16,003 7 0	35,108 8 2	51,785 12 8				

TANOTHY.			PUBLIO	Wones.		1	
Stationery and printing.	Original Works.	Repairs.	Establishe ment.	Tools and plant.	Toll and ferry catab- lishment and contingencies,	Establishment of Divisional Superintendent of Works.	DISTRICTS.
Ro. A. P.	Ro. A. P.	Rs. A. P.	Re. A. P.	Rs. A. P.	Rs. A. P.	Re. A. P	
853 7 6 60 11 4 100 8 10 848 12 4 120 13 9 100 0 7 67 11 7 475 11 7 475 11 7 475 11 7 475 11 7 475 11 7 475 11 7 475 11 6 100 0 9 100 0 9 100 0 9 100 10 0 100 0 9 100 10 0 10	1,165 14 3 702 13 0 2,862 13 5 7,808 10 0 41 0 9 6,670 7 5 1,486 7 0 6,670 7 5 5,61 0 1,486 7 0 5,61 1 1,486 7 0 5,61 1 1,486 7 0 5,61 1 1,486 7 1 1,486 7 1 1,486 7 1 1,486 7 1 1,486 7 1 1,486 7 1 1,486 7 1 1,486 7 1 1,486 7 1 1,486 7 1 1,486 7 1 1,486 7 1 1,486 7 1 1,486 7 1 1,486 7 1 1,486 7 1 1,486	22,844 8 9 620 0 0 6,750 1 6 5,823 4 6 16,827 8 9 16,142 14 6 16,667 0 8 16,889 0 9 11,034 8 2 14,934 8 5 15,204 9 10 14,738 11 3 16,072 1 11 3,892 6 3 7,711 15 6 6 6 1,508 15 6 6 1,508 15 6 6 6 1,508 15 6 6 6 1,508 15 6 6 6 1,508 15 6 6 6 1,508 15 6 6 6 1,508 15 6 6 6 1,508 15 6 6 6 1,508 15 6 6 6 1,508 15 6 6 1,508 15 6 6 1,508 15 6 6 1,508 15 6 1,	2,072 1 3 1,485 3 6 2,067 14 0 2,013 2 0 3,883 11 6 4,310 16 3 5,734 13 2 5,745 13 0 2,745 11 0 3,925 13 3 2,745 11 0 3,925 13 3 2,875 11 0 1,446 0 2 1,745 11 0 1,567 5 0 2,875 11 0 1,567	103 10 0 10 6 6 84 9 0 0 12 13 0 0 1,530 5 0 0 1,540 5 0 0 1,540 5 0 0 1,540 5 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	83.19 (i 300 0 0	4,513 6 6 6 11,000 0 0 4,173 6 8 191 0 0 240 0 0 1,750 0 0 1,682 0 0 1,750 0 0 2,172 0 0 2,173 0 0 7,88 0 0	Burdwan tiankoora Hearbhoom Midmpore Hooghly and Howrah Ly Fergumahs Nuddea Jessore Khoolna Moorahedal Jessore Rhoolna Moorahedal Jessore Rajshnhye Rajshnhye Rajshnhye Rajshnhye Rajshnhye Rogra Pubna Durjeeling Julpkorae Julpkor
6,192 5 5	2,45,706 7 1	4,24,788 18 6	1,17,170 1 11	9,898 1 10	283 10 G	24,391 2 11	Total.
4 14 0 17 19 9	4,294 9 10 1,614 2 0 374 15 0	1,810 0 0 6,124 9 5 8,764 14 0	416 0 0 1,294 15 0 270 0 0	7 3 0	683446 682276 642746	070070 020770 047430	Chittagong Hill Tracts Sonthal Pergumahs Singbhoom 45
23 10 9	6,293 10 10	11,300 7 5	1,980 16 0	7 8 0	*****	450005	Total.
5,145 0 3	3,51,800 1 11	4,06,166 4 11	1,19,151 0 11	9,005 4 10	283 10 6	24,801 2 11	GRAND TOTAL.

		1							
- 4	Districts.	establishment galow establish galow perty minor					Miscel- laneous,	Total.	Contribution to Provincial Government.
			Rs. A. P.	Ba, A. P.	Rs. A. P.	Bs.A. P.	Re. A. P.	Ho. A. P.	Rs. 4. p
10	Dimagepore Rajabalye Rajabalye Rungpore Rogra Bogra Pubus Darjeeling Julpiroree Backergunge Backergunge Backergunge Hyperalngh Lymensingh Chitageong Noakholly Patna Gys Sarun Chimparun Monshyr Bhagalpur Purneah Makdah Cuttack Pooree Balasore	000 000 000 000 000 000 000 000 000 00	266,825 13 3 2,878 7 6 11,779 12 11 16,334 8 9 24,721 1 3 14,180 11 6 14,737 1 6 14,737 1 6 14,737 1 6 14,737 1 6 14,737 1 6 14,737 1 6 15,737 1 7 15,737 1 7 15,737 1 7 15,737 1 7 15,737 1 7 15,737 1 7 15,737 1 7 15,737 1 7 15,737 1 7 15,737 1 7 15,737 1 7 15,737 1 7 15,737 1 7 15,737 1 7 15,737 1 7 15,737 1 7 15,737 1 7 17,737	######################################	68 0 0 88 0 0 73 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	88 9 6 88 9 6 88 9 6 63 8 6 45 8 0 45 4 0 78 8 9	98 0 8 162 10 0 162 10 0 178 2 0 178 2 0 178 2 0 178 2 0 178 2 0 179 179 179 179 179 179 179 179 179 179	166 0 8 196 10 0 196 10 10 10 10 10 10 10 10 10 10 10 10 10	## 1990 ## 199
	Total	gvi	8,22,238 5 9	\$44102	1,550 14 9	2,514 10 1	1,770 8 0	8,044 18 10	494 924
44	Chittagong Hill Tracta Sonthal Fergunnahs Singbhoom	93× 8×1 8×3	6,226 9 10 9,040 13 5 4,409 13 0	620605 627352 686673	161 8 8	******	600-04 200-04 200-05	161 5 8	192113 492111 122942
	Total	944	19,871 4 8	801104	161 5 3	950143	sum.	101 8 8	99844
	GRAND TOTAL	131	8,41,900 10 0	11900	1,781 6 0	2,814 10 1	1,770 8 0	8,806 3 1	191545

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ROAD FUND.

Boad Committees for the Second Quarter of the Cess Year 1883-84,

March 1884.

B	w	ST.	WY.	ED.	W.

3	80m	BREE ACCOUNT	19.						
11.00	Advences.	Deposits.	Total,	Total expendi- ture.	Balance of imprest in hands of Engi- neers and others increased.	Balance of uncashed cheques decreased.	Total outlay.	DISTRICTS.	
-	Ro. A. P.	Rs. A. P.	Ro. A. P.	Ba. A. P.	Rs. A. P.	Ba, A. P.	Re, A. P.		1
	6,778 10 0 360 0 0 904 21 6 4,004 14 9 10,615 0 0 1,406 1 0 1,001 15 3 1,300 0 0 4,504 12 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	2,870 18 0 2,106 0 0 1,381 5 1 1,010 0 0 1,851 10 6 100 0 0 287 13 0 516 0 0 186 4 0 186 4 0 186 2 2 12,642 2 0 12,642 2 0 12,642 2 0 12,642 2 0 12,643 2 0 12,643 0 0 13,02 2 0 13,02 2 0 13,03 2 0 14,03 2 0 15,03 3 0 15,03 3 0 15,03 3 0	9,644 6 0 0 2,986 0 0 1,987 10 0 0 1,871 10 0 0 1,871 10 0 0 1,871 10 0 0 1,871 10 10 10 10 10 10 10 10 10 10 10 10 10	44,839 6 4 7,836 8 1 14,734 12 0 34,136 13 10 11 24,146 8 10 31,738 7 6 32,349 2 6 31,736 3 9 34,473 5 1 26,516 0 7 26,634 8 1 26,516 0 7 26,634 11 8 20,721 3 8 52,735 13 10 20,235 9 0 38,232 8 11 21,516 1 3 8,235 8 1 21,481 1 8 20,721 3 8 52,735 13 10 20,235 9 0 38,232 8 11 21,516 1 3 8,493 8 11 21,516 1 3 8,493 8 11 21,516 1 3 8,496 1 1 8 52,735 1 1 21,516 1 3 8,496 1 1 8 52,721 1 1 21,516 1 3 8,496 1 1 8 52,735 1 1 1 21,516 1 3 8,496 1 1 8 52,735 1 1 1 21,516 1 3 8,496 1 1 8 52,735 1 1 1 21,516 1 3 8,496 1 1 8 52,617 1 1 1 45,414 10 5 10,725 10 0 12,735 10 1 10,735 10 1 10	76 5 8 63 8 0 150 15 0 150 15 0 1,000 0 0 2,000 0 0 2,000 0 0 500 0 0 50 0 0	878 0 0 0 270 1 6 63 5 3 121 6 3 120 0 0 1,590 8 0 1 1,590 8 0 1 1,590 1 1 2 1,181 6 12 1 1,181 6 12 1 1,181 6 12 1 1,181 6 12 1 1,181 1 0 507 4 0 504 13 0 507 4 0 504 13 0 50 14 10 15 10 10 10 10 10 10 10 10 10 10 10 10 10	46.231 6 4 7.338 8 1 14.811 1 3 3 29.289 6 1 1 1 25.486 10 11 24.486 10 11 24.486 10 11 24.486 10 11 24.486 10 11 24.486 10 11 22.586 9 0 25.104 2 7 25.03 10 10 25.23 5 1 1 20.25 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Bankoors Beerbhoom Midnapore Midnapore Hooshiy and Howah 24-Pergunnabs. Naddea Jessors Khpoina Mobrshedabad Dinagepore Rajshahye Rongpore Bogra Pabns Jarjeoling Julpigore Daces Purrecipore Backergunge Tipporah Mymansingh Chitmagnag Gya Shahabad Monufferpore Durbunga Sarun Gya Hagalour Furneali Maldak Cuntack Pooree Balasoee Hagaribagh Lohardunga	10 10 15 15 15 15 15 15 15 15 15 15 15 15 15
1	1,17,345 11 9	85,854 6 8	1,55,201 2 6	11,00,619 5 8	5,807 1 9	30,886 13 6	11,36,018 8 6	Total.	
TO ME ST	74 0 0	699 kyr 5+2496 997404	897 6 6 74 0 0	6,748 0 4 9,406 14 11 4,025 15 6	848 1 8 86 0 0	69601A 646200 837444	7,206 2 0 9,492 14 11 4,625 13 6	Chittagong Hill Tracts Southal Pergunnahs Singbhoom	Mox-Case
20	602 6 6	349 60t	601 6 6	20,680 12 9	684 1 8	642495	21,314 14 5	Total.	Us
-	L37,948 S S	20,254 8 8	1.83.802 8-11	11,21,300 2 0	6,161 8 5	20,686 12 6	11,67,828 1 11	GRAND TOTAL	

R. LOGAN,

Offg. Accountant-General.

Rainfall, Weather, and State and Prospects of the Orops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different Districts of Bengal, as reported to Government during the week ending the 2nd August 1884.

N	0.	District, and date return.	of -	Rainfall at Sudder Station in inches	
EN	GA.	L.	-	-1	
		Western Distric	te.		
	1	Burdwan, Aug.	2 '8	2.59	Weather-oppressively hot and cloudy, with drizzling rain in the early part
		Culpa Cutwa Eaneegunge	**	2 69 1 91	the week. Transplanting of paddy has been carried on in the Sudder at division, by means of irrigation: elsewhere it is going on on a small scale, been the whole prospects of amus gloomy. Aus and jute good in the Culus division. Sugarcane good everywhere. Price of common rice from 18 15 seers per rapes. Cholors in the Selimabad thans. Public health general
I	2	Bankoors,	2 ,,	1.78	good. Weather-hot and cloudy, with occasional rain, which was general, but insufficing
1	20	Bishenpore	211	1.26	Price of rice continues rising slightly, in consequence. Public health good.
1		Maliara Khattra	601	2.82	
1	8	Beerbhoom, "	2 ,,	1.54	Weather-cloudy, with occasional light showers. The insufficient re
		Rampore Haut	***	8.02	has retarded the transplanting of paddy seedlings. In Ramporehal prospects of crop reported to be bad. Price of rice somewhat higher as supplies less abundant. Some cases of cholera reported, otherwise genes health good.
ı	6	Midnapore, ,,	2 ,,	6.04	Weather—cloudy and sultry. Transplanting of paddy going on everywhe More rain wanted at Ghatal. Public health good, exc-pt at Ghatal, who fever is breaking out.
	5	Hooghly, "	2 ,,	6.34	W-ather—showery. Transplanting of smass going on during the week, but mu more rain needed for high lands. Public health good for the time of t
		Jehanabad Serampore	834	6.28	year, but fever is beginning to show itself. Prices still steady.
1		Howrah, n	6 21	2.54	Weather-fine and clear with occasional showers of rain. More rain wrong
		Oolooberiah		1.76	needed for late paddy crop in south of the district. Other crops doing w. Small-pox has made its appearance in the Bagnan thans. Prices rise slightly.
		Central District	۲.		
1	6	24-Pergunnaha Aug.	4 '84		Weather—sensonable. Prospects of one paddy, jute, and segaroane god Transplanting of amus paddy going on everywhere. Public health general good; stray cases of fever and cattle-disease reported.
	7	Nuddea, "Kooshtea	2 .,	1.42	Weather—close, and cloudy with slight showers of rais. Rain greatly needed if both aus and assum in the sub-divisions north of the Sudder station. The rai
١		Choondanga	***	1.01	fall at Meherpur has done some good. Rain wanted in some parts of Ranagh
1		Meherpore	***	2:04	for transplanting of amus. Fever continues.
1	8	Ranaghat Khoolns, »	2 ,	3.17	Weather-changeable, with a fair amount of rain. Prospects of crops goo
1					Public health fair.
	9	Jessore, »	25 11	2.79	Weather—hot, with slight occasional rain. Harvesting of one crop has conmenced. Prospects of crops fair. Want of rain has retarded the progre
ı		Magoorab	141	1.04	of transplanting of assess paddy. General health good.
ľ	- 3	Narail Bongong	991	1.58	The state of the s
-	10	Moorahedabad, "	2 ,,		Weather-hot and sultry. The recent rain has saved seedlings for the presen
-		Jungipore Kandi	#1 N	3·21 3·91	and has allowed transplanting to be proceeded with, but more rain wanted, good deal of see has been cut, and the ear rube cut better than was expect. Public health good.
		Dinagepore, Aug.	1 '84		Weather—fine with little rain. Bain still much wanted for transplanted paddy other crops doing well.
	12	Rajshahye, ,,	25 31	3.14	Weather -cloudy and hot. Prospects of sas and same generally good. Mo rain wanted for aman. Ass on high lands in some parts reported to be
1		Nowgong		1.67	suffered to some extent for want of sufficient rain. Public health fair.
١	13	Rungpore "	2 p	3.57	Weather-very hot. Rain much wanted to facilitate tran-planting of empaddy in some parts. Ass and jute are being harvested. Malarious few
1		Gaibanda	***	6.20	provailing at the head-quarters. Public health otherwise fair,
1	14	Kurigram Bogra, "	9 ,,		Weather-very sultry with a little rain. More rain is wanted for transplantic
1		Pubna, 11	2 ,	0-68	paddy seedlings. Public health fair. Weather—slight showers during the week. State of standing crops goo Harvesting of see going on ; jute is coming into the market. Rivers con
	16	Darjeeling, "	2 ,	7-74	menced to rise again rapidly. Weather—neusually warm and fine. Prospects of crops good, except for son
1	17	Julpiguee, "	2 ,,	2-62	complaints of blight on tas in the southern hills. Weather—unusually hot, More rain argently needed. Harvesting of bhed crops has commenced. Prices continue stationary. Cholera reported fro Mynagoree: it has absted in Kyrantee. Public health good in other parts the district.

	No.	District, and date of return.	Rainfall at Sudder Station in inches.	
	1	SEASON AND RESERVOIS	17.7	HARMAN AND A TO BE
BE	NGA	Lconcid	12	
		Eastern Districts.		
5	18	Dacca, Aug. 2 '84 Manickgunge	1:13	Weather—cloudy and hot. Harvesting of early paddy and jute continu Public health good. Prospects of crops good.
		Moonsbeeguage	1.34	
	19	Furreedpore, " 2 "	2·63 3·23	Weather-very sultry, with occasional heavy showers of rain. State and prospe
DAUGE DIVE.		Goslundo Madaripore	1.11	of paddy, jute, sugarcane, and other standing crops good, but more wanted. Public health not so good as before. Fever and bowel-complain rather provident.
1	90	Backergunge, July 31 ,,	1.62	Weather—seasonable. Asserop doing well. Transplanting of assess going Public health good. Fever has made its appearance in some parts of
	21	Mymensingh, Aug. 1	-84	Perosepore sub-division. Weather—hot and cloudy. State and prospects of crops good, but more re-
	153	Jamatpore	·46 ·68	wanted.
		Attia	*46	
		Netrokona	290	
9	/ 23	Chittagong, Aug. 8 '84	5.8	Weather-warm with occasional showers of rain. Prospects of crops for
	100		0.50	Harvesting of ans nearly completed with 12 annus outturn. Prices stational Cholera and cattle-disease continue.
CHILLAGUNG DAVE.	23	Noakholly, " 1 "	6.26	Weather—generally close and sultry, with light showers at intervals, or or being reased. Outturn expected to be 12 augus, Transplanting
1	24	Tipperah, , 1 ,	3.10	amus continues. Prospects of crops good. Westher—showery, rainfall unusually scanty. In the Sudder sub-division
		Brahmunberiah Chandpore	-85	standing crops doing well, except in thansa Muradnagar and Laksham, wherain is much wanted. Want of rain is also felt in other sub-divisions.
100	25	Chittagong Hill July 29 ,	1-21	Weather-cloudy and hot. Cotton crop very good. More rain wanted for pad-
		Hill Tipperah , 80 ,	1.66	Scarcity of food reported from the Government khas mehal. Weather—seasonably rainy. Aus paddy commenced to be reaped. Fair outto
				expected. Joom crops doing well. Public health good,
E	HAR.			
5	26	Patna, Aug. 2 '84	0.08	Weather-occasionally cloudy, with little or no rain. Bhadoi crop and par
		Behar Dinapore	*48	seedlings are suffering from want of rain. Cholera still reported.
	27	Gys, ., 2 ,,	·78 1·12	Owing to want of rain prospects of crops very bad. Unless there be a good for of rain within the next week, there will be cause to fear searcity. Rurgently needed. If it comes within the next week in sufficient quant prospects will be moderately favourable. Cholers reported from seve
	29	Shahabad, , 2	1.4	stations. Weather-very bot and occasionally cloudy. The recent rain has, to a slig
		Buxar	1.58	extent, accelerated transplanting of paddy seedlings and benefitted blue
	1	Sameram	1.55	but more is urgently wanted to push on agricultural operations successful Seedlings already showing signs of injury for want of sufficient rain; h
	29	Durbhunga, ,, 2 ,	1.04	intense. Weather-hot and oppressive, sometimes cloudy. Owing to scanty rainf
	1	Madbubani	-79	prospects of bhadoi crops becoming uncertain. Transplanting of paddy also
	80	Mozufferpore, , 2 ,	3.66	a standatill in many places. Prices stationary. Public health good. Weather—hot and cloudy, with signs of rain. Prospects of crops promisi
		Sitamarhi	1.49	Transplanting of paddy in progress. More rain wanted everywhere. Pr
-	81	Hajipore Sarun, 2 ,	2.01	stationary. Public health generally good. Weather—bright and sultry, occasionally cloudy. Very little rain fell during
3	4000	Sewan Gopelgunge	*88 8·15	week. Maksi and other bhadoi crops doing well, but transplanting of pain has been retarded for want of rain. Manufacture of indige in progre
				Prices steady. Public health good.
	88	Chumparun, ,, 2 ,,	0.84	Weather very hot. Bhadoi crops doing well, but rain hadly wanted for pad which is being transplanted everywhere. Prices stationary. Public health for the control of the co
	1	Manakar to 6 10.	.00	A few cases of fever reported from interior,
1	88	Monghyr, Aug. 2 '84 Beguteral	2.09	Weather-hot and generally cloudy. Prospects continue good, but want of r beginning to be serious for aghasi crops, transplanting of which is being the continue good of the continue good.
		Jamui	+77	retarded.
	34	Banks 2 "	1:47	Recent heavy rain improved prospects of crops, but the fall was not generated by the prospect of the prospect
	7	Boopole	·68 ·57	district. Prospects generally not so good as they were three or fe weeks ago.
1	85	Purneab, p 2 n		Weather-hot and sultry. Standing crops suffering from want of rain. Heat
	86	MATERIAL III	0.81	fair. Weather-hot, cloudy, and clear alternately. Prospects of haimanti paddy :
	30	В амия, 10 3 м		favourable. More rain much wanted for its growth and for transplantin Bhadoi paddy being reaped. Prices of food-grains stationary. Public heal generally good. Rivers have again risen, but are not yet so high as inundate lands remired for late paddy.
-	87	Southal Perghs 3	1.61	Weather-clouds and sunshine alternately, but very scanty rain fell everywher
	No.	Deoghur	2.24	except in Jamtars, where it is said to be sufficient. All bhadoi crops, except paddy, are everywhere as good as could be wished for, weather being me
		Rajmobal	1.53	favourable for them: the outturn promises to be a full one. For base
S.	100	Jamtara Pakour	3-83	paddy and for aghani crop, the rainfall is generally insufficient. A great de remains to be planted out, and the season for transplanting is fast passis
	Sec. 11.	The second secon		away.

N	0.	District, an		of		Rainfall at Sudder Station in inches.	
OF	RISSA	١,					The second secon
-	89	Cuttack,	Aug.	1	184	2-59	Weather—cloudy, with occasional showers. Beall being weeded, sered being transplanted. More rain wanted. In some parts crops are under water. Price of rice stationary. Public health generally good. Scattered eases of
ORSEA DIVE.	29	Pooree, Kneorda	*	800	89	87 1·17	cholers reported from the interior. Westher—cloudy and hot, Weeding and transplanting of serad going on. Beali in ear. Considerable damage is apprehended to paddy in pergunashs Robang Seral, Chabinkund, and Kotrahung owing to recent floods. Common rice sellingat an average of 20 to 22 seers, per rupes. Sporadic cases of
0	40	Balasore,	10	1	ь	8-98	cholors reported. Weather—cloudy, with frequent showers of rain. Prospects of sared crops good. Transplanting of paddy progressing favourably. Price of rice stationary. Public health generally good.
CH	EOTA	NAGPORE.					
	Sou	th-West Front	tior				
	41	Hazaribagh.	Aug	. 1	184	2:39	Weather—showery and sunny alternately. Prespects of blades crops good. In some places transplanting of paddy commenced, but more rain wanted throughout the district. Prices of food-grains continue high. Cholera and
	42	Lohardugga, Palamow (23rd to 29t)	h July	18	84.)	9:37 1:42	small-pox reported from certain places; otherwise public health good. Weather—seasonable. Good rain throughout the week almost general, but towards the west and in Palamow there was no rain till 29th, when rain throughout the district, fell generally. Transplanting continues and bhados crops doing well. Prices etationary. Cholers still reported in Palamow on the
	43	Singbhoom,	10	1	01	3-12	borders of Gys. Westher—scasonable. Rainfall general and abundant. Prospects continue favourable, and all crops promise well. Fover still very prevalent, otherwise public health good.
	44	Manbhoom, Govinded Burrabaz (24th to 30	ar	mo.		4-00	Weather—rain and smekine alternately. Indian-corn and other standing crops promise well. The rain during the week has been fairly general, and transplanting has made good progress. Coarse rice sold on 2nd instant in the Purulia market at 19; seers per rupee. Choicea and small-pox still reported.

Published for general information.

CALCUTTA, STATISTICAL DEPT.,

COLMAN MACAULAY,

The 6th August 1884.

Secy. to the Gout. of Bengul.

PRICES-CURRENT OF FOOD-GRAINS, FIREWOOD, AND SALT IN THE DISTRICTS OF BENGAL FOR THE FORTNIGHT ENDING 3187 JULY 1824.

PRICES-CURRENT of Food-grains, Firewood and Salt in the

RETAIL SALE:-QUANTITIES PER RUPER BY

			VERAT		B	ARLEY.		B	ici	, pres	SOE:	r.		Rici	t, oc) AC 34	OH.		Bura	ran M 200, B	ILLEY AJRA:		LUM Jo	
Number.	DISTRICTS.	Present return.	Next preceding return.	Corresponding return of last year.	Present relate.	Next preceding retorn.	Corresponding retarn of last year.	4	TENANT STANLE	Next preceding return.	Corresponding return	of inst year.	1	Present return.	Nart neweding totals.	distance of the second	Corresponding return	Of last year.	Present refum.	Next preseding return.	Corresponding return of last year.	Present return.	Ment preceding return.	Corresponding return of last year.
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1	Bordwan	A		16 8				12		19 8	17	4	15		17		22 1		***	10,	140	10+	.,,	**
2	Bankoora	16 0	16 8	14 13	17 0	18 0	16 0	12	B	19 8	19	0	16	8	16	4	25	0	+3 -	+84	+0		191	190
8	Resubboom	16 O	15 0	16 0	0.04	***	400	16	0	18 B	16	8	16			0	9)	0	*11	49.1	**		100	Ø 154
4	Midnaporo	14 0	19 0	14 0	20 0	90 0	17 0	14	0	14 0	18	0	18	0	18	0	92	0	***	-9	000	***	***	411
5	Hooghly	16 O	16 0	18 0	wd+	hed	100	8	0	8 0	9	0	13	0	14	0	15	0	98.0	*20	100		001	-
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7	Rudden	16 12 H	17	14 6	21 6	190 C	418	12		18 6				18	13	64		6	***	+04	• • • • • • • • • • • • • • • • • • • •	144	14+	105
8	Khoolna	1	10		***	***	***	18	0	18 0			16		18	0		6	***	484	***	***	***	146
9	Janeotre	16 G	10	18		44-	164														1 11-	194	601	
10	Moorshedabad	18 (28	15 (1	100		19	8	18 6	15	6	18	8	16	8	90	0	***		***	***	44+	ple
11	Dinagepore	17 8	16 6	16 (14 0	18 0	17 6	19		14 9	19	12	13		15		17	0		444	60+	084	***	100
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16	Bogra	16 8	16 14	25 0		1++	440	9	12	9 12	13	0	15	18	15	19	91	0	***	***	904	444	***	190
18	Pubna	23 4	24 0	18 12		963	***	8	4	8 4		0	17	6	15	0	19	8	160	184	74	-91	-	100
16	Darjeeling	0	9 0	8 0	944	10 0	8 0	5	0	5 0	4	0	11	0	11	0	12	0	189	P+1	10	1 164	264	46,1
17	Julpigoree*	***	10 0	10 0	***	20 0	90 0			11 0	12	8		19-8	16	0	17	0	160	tes	100	101	101	100
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20	Backergunge	.01	104	019	494	420	***	1.5	0	15 Q	19	0	18	0	18	0	91	0	447	***	nó	***	. • 64	open.
31	Mymoneingh	12 8	18 0	11 0	301	***	-	12	8	19 0	13	8	17	0	16	0	19	0	***		1949-	***	pq+	444

Not received.

At the aub-divisions the retail prices of salt per rupes were:—Culns 14 seem, Cutwa 18 seem, and Rancegunge 18‡ seems.

B. The retail price of salt in the interior ranged from 11 to 16 seems per rupes.

C. The retail price of salt in the interior ranged from 11 to 16 seems per rupes.

In the sub-divisions the retail prices of salt per rupes were:—Charlet 14 seems. Tumlook 11 seems and Contai 12‡ seems.

In the sub-divisions the retail prices of salt per rupes were:—Baraset and Bassethal 15 seems, Diamond Harbour 11 seems and Barrackpore 12‡ seems.

In the sub-divisions the retail prices of salt per rupes were:—Baraset and Bassethal 15 seems, Diamond Harbour 11 seems and Barrackpore 12‡ seems.

In the sub-divisions the retail prices of salt per rupes were:—Kouhtes 18 seems, Mohstpore 11‡ seems, Chroudanga 16 seems, and Harbour 11 seems and Barrackpore 12‡ seems.

H. In the sub-divisions of satthirs and Buginhat the retail prices of salt was 11 seems per rupes.

In the sub-divisions the retail prices of salt per rupes were:—Jhamdah and Narall 12 seems, Bongong 18 seems and Magurah 10‡ seems.

Districts of Bengal for the Fortnight ending the 31st July 1884.

HR 8	KKR.	OF 80 '	POLAF	18											PRS	MALE MAUN DARRI		
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BENGAL.

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PRICES-CURRENT of Food-grains, Firewood and Sall in the

METAIL SALE :-QUANTITIES PER RUPRE BY THE

			WH	RAT	-	1		Ban	LIST		R	ICE	98	97 t	low1		R	ICE	. 00	30.30	ow.	-		EBUO, J			AT MIL	
Number.	DISTRICTS.	Present return.		Next preceding to dom.	arrespending tetura	of last year.	Present return.		Next preceding return.	Corresponding return		l'resent reture.	Total Control of the	"Vert preceding train	Corresponding tetura	of fast year.		Present resum.	and		30 responding refulb	of last year.	Present retura.	Next preceding return.	Cor esponding return	regent return.	Next preceding return.	Corresponding return
East	storn Districts.—C			Ch	4	C'h.	S. Ch	s S.	Ch,	S. Ch	, 8.	Ch.	9.	Ch	, s.	Ch	.'S.	Cb.	18,	Ch.	:8	Ch.	8. Ch.	S. Ch	19. Ch	'8. CI	us. Ch	,8. Ch.
23	Chittagong	T 16 0		8	10				+ 5 -		18		13				117				21		101	144	143			100
28	Noakholly	 V	1	-81			***			49	35	0	10	0	20	n	17	0	19	0	43	0	141	***		191	***	+00
24	Tipperab	15 4	15	4	11	Я			* 0 4	-41	15	0	1ŏ	4	18	12	18	19	23	n	23	8	141	>=>	191		100	199
- 25	Chittagong Bill	***	1	. 3		47	***			***	13	5	13	5	12	6	16	0	14	8	13	å	1+1	***	***	***	449	
4	Hill Tipperah BEHAR.	19 0	12	0	10	0	101	1 -	***	+14	14	Đ	14	0	:16	0	17	0	18	0	90	0	441	***	10+	004	000	-
96	Patns		20	0	21	0	19 0	21	D	29 19	11	4	11	0	14	U	13	0	16	U	16	0	*	*#*	**	on a	***	****
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28	Shahabad	18 O	18	. {	10	tn 0	}22	0 99	9	95 0	9	0	0	0{	11	0 8	}	3 0	18	0{		0 0	}21 0	0 22 0	26 0	519	***	400
20	Durbhanga		17	0	16	Ü	. 144	16	11	144			10	0	13	0	1	40	14	4	lő	0	-94	188	-	210		100
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31	Sarun	18 8 Z1	18	12	17	0	99 4	1 99	4	26 U	В	0	8	0	10	0	12	B	12	А	10	0	***	1119	laga.	33 8	84 0	80 0
89	Chumparun	16 0 Z2	16	0	19	0	***	23	0	32 0	10	8	10	8	13	0	13	0	12	0	17	0	191	004	201	***	***	
88	Monghyr	19 11	19	6	18	Ø	21 t	91	0	27 14	111	2	11	Ü	18	15	13	18	18	1	16	0	491	110	# Øn	***	994	110
34	Bhugulpore*	Z3		10	16	6		30	8	24 0		***	19	0	16	3			18	14	17	10	694	p40	**	***		*19
36	Purnoah	14 0	18	0	18	0	+41		***	***	13	0	13	0	15	0	14	0	14	0	17	0	***	510	**	 		190
86	Maldalı	1	10	0	16	8	***			***	11	0	11	0	14	8	14	0	16	0	17	0	+6*	046	100	1 100	***	600
37	Southal Perga.	13 0	18	0	2.4	0	400			***	12	N	19	8	16	0	15	0	15	0	22	0	***	hille	**	- **	-67	
28	Outlack	18 6	18	12	13	s		1		***	13	9	18	2	13	9	18	6	15	18	21	0	+8+			100		الها
39	Poores	18 2			18		401		. 4 :	***	13	2	18	2	91	0	17	1	18	6	23	10	***	680	-			
40	Balasore	25	16	0	14	0	11 0	11	0		18	0	18	0	10	0	90	0	90	0	88	0	-01	101	- qu	100		
۵	CHUTA NAGiouth-IPestern From	ilier d	gene	Jy.						i	1		į.		1		1					1				1	1	,
61	Hausreebagh	Z6 13 0	14	8	14	0	16 0	16	0	90 0	10	0	10	0	9	0	19	0	19	4	16	0	-0.		ı iğa	***		-
43	Lobardugga	13 0	13	0	15	0	19 0	12	0	9-) Q	1.8	0	18	0	18	0	16	0	17	0	22	0	160	vito	-	vite	100	rest
43	Singbhoom		18	0	18	0	12 U	28	U	83 0	90	0	20	U	86	0	24	U	86	0	40	Q	104	sin		1-0.0	*46	
44	Manbkoom	18 0	14	34	13	0			001	***	19	0		0	1.7	0		0		4	15							

[.] Not receive

⁽a) The price of rice in the interior ranged from 19 seers 11 chittacks to 26 seers 4 chittacks per rupes.

Y In the sub-dressions the retail price of ear per cupes was at Brahmanberial and Chandpere 12]

X In the sub-assumed the retail prices of east per super were :- Buxar and Sasteram 11; seers, and likebbus 11 core.

Districts of Bengal for the Fortnight ending the 31st July 1884.—(Concild.)

SEER OF 80 TOLASIS.

	LESSE RAGE AND	on Min	AWRD	Ma		OR COR:		HAI!	•		Gg	ĄЖ.				First	WOOD.				Sa	LT.					82	LT.			
	Present return.	Next preceding return.	Corresponding return of last year.	Present return.		Next preceding return		Corresponding return of last year.		Trescut return,	Nat. trendenting andreas	Brone Successful and	Corresponding return	of Int year,	Present roturn.	Next benedim as been	Control of the contro	int year,		resent renum.	!	Next preceding return.	Corr.spanding return		Danie See See	4 torone frame.		Next proceding return.	Correstonding Februs	of last year.	distric ts .
1	_						-	~ -	-			٠	_	-													Eas	torn	D	latri	ets(Concluded.)
Į\$	t Ch.	5. Ch	14, Ch	18. C	h. S	. Ch	. [9.	Ch.	13,	Cb.	8, (Ch.	S, (Ch.!	ς (1	h. S. 7	ų, S.	Ch.	S. 1	Ch.	S,	Ch	8.	Oti.	R51	à,	Rε.	Α.	Ka	. A.	
		***	4+9		i	8117		-11	16							0 120		0			9		10			Ü,	4		1.0	1	Chittagong.
	990	***		401		84.4			-12	U ,	13	0	12	ŧ:	***	442		.	10	0	10	0	10	0	3	6	3	Ø	3	2:	Nonkholly.
						***			111	0	18	0	18	0 1	*14		1		12	0	10	U	12	0	3	4	3	d	3	δ	Tipperalı.
	84.	141	***			F11	i		9.6		101	1	4.013	1	320	ti 320	0.320	p)	8	IJ	ß	8 .	б	0	1	S	5	0	8	0	Chittagong Hill
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1	99 0		1			21 (474	10	O	10	0	28	13	141	20			11	8	11	₿	11	8	3	7	3	7			('hannymenn.
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				17	0 !	17	0 ;	30 U	17	0	117	U	19	0	200	0 200	U19)	D L	11	D	11	0	110	D	2	15	3	H			Southal Penghin.
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WHOLESALE PRICES-CURKENT of Food-grains, Fire-wood, and Salt in

	٠					V	'nz	AT.							Ва	nlı	ı¥,	_				10	101	E, 1	b 2 6	1 8	o B	T.				Rī	cz,	001	NE NO	OF.	,	-	Born Cor	CAR Mt	LEFF.
Number.	MARTS	i,		Present return.			Next preceding return.			of last vent.			Present return.			Next preceding return.			of last year.			Present return.			Next proceding return,			of last year.			Present return.			Next preceding return.			of last rear.		Preacht return.	Next preceding rutura	Corresponding return
			R	. A	, p.	R	. A.	P.	R	Α.	P.	R	. ,A.	P.	R		P	K.	٨.	P.	ŧ.	Α.	32.	R	À.	24.	Pa-	٨.	20.	R.	Α.	F.	R	A	P.	R	. 4.	P.	R.A.P	B.A.P.	Bia :
1	Calcutta		2	-4	0	2	0	0				1	14	0	1	15	0				4	8	0	4	8	G		401		8	8	0	3	0	D		1000		9 10 0	2 10 0	004
2	Serajgunge		2	10	0	40	4	0	1	12	0		***			***			t = 0	!	3	12	0.	3	10	0	4	0	0	2	8	0	2	G	0	2	3	0	984	***	***
3	Dacca	09+	3	6	0	2	6	0	3	1	Θ	1	8	B	1	8	0	1	19	-62	3	1	0	3	2	0	2	4	0	2	7	0	2	7	0	1	13	0	***	641	000
4	Naraingun	go		9 4 B			***			03-0			***			***	i		tox	1	2	6	0	2	6	0	1	15	0	2	5	0	2	G	0	1	18	0	450		0 1-4
6	Chittagong	447		***		2	11	0	8	14	0		***			,			+ # h		3	0	0	8	0	0	D en	10	0	2	0	0	2	6	0	1	14	0	4004	100	100
6	Patna	99-1	1	14	6	1	14	6	1	14	6	1	13	0	1	11	6	1	4	6	3	0	0	3	1	0	2	11	0	2 .	13	9	2	13	D	3	8	0	990		100
7	Balasore	901	2	4	0	O	3	0	0.9	12	0	3	2	0	3	2	0		444		3	0	0	3	0	0	0	10	0	1	13	0	1	13	0	1	δ	0	651	***	_
8	Poores	901		440			600			11-9			410			000			000						***			***	1	2	3	0	l	14	6	2	2	0	P94		880
9	Cuttack	801	2	0	0	2	5	0	2	14	Đ		061			***					3	0	0	8	0	0	3	0	O)	e 2 40	0	0	2	5	0	1	11	0	499		****

CALCUTTA,

The 4th August 1884.

SUPPLEMENT TO THE CALCUTTA GAZETTE, AUGUST 6, 1884.

the undermentioned Marts of Bengal for the Fortnight ending the 31st July 1884.

	Guña Спок	r Mri.	ERT-	BAGI	OR MU	HWA	Maixi	on In	DIAN-			ORA					Fis	:FW:	101	·.			S	alt.		0	
	Present retura.	Next preceding return.	Corresponding return of last year.	Present retura.	Next proceding return.	Corresponding return of last year,	Present return.	Nest preceding return.	Corresponding return of hat year.	Present return,		Nat precedi g return,		Corresponding return of last year.		Present return.		Next hreening return.	The state of the s	C rresponding retern		Present return		Next proceding return.	1:	Carresponding teluta of last year.	MARTS.
	В. а. р.	R. A.P.	R.A.P.	R A.P.	B.A.P	K.a.P	R. a. P	R.A.P	R.A P.	R.A.	15	H. A.	P.	R.A.1		R. A	.]%	It.a	u P	R.A.1	. 1	L A	P	R.a.	r l	LA.P	1
	100	004	004	e4+	***	+11	499		44.4	1 14	0	2 2	0	444	0	0 6	12	4	6 9	***		800	1	3 12	()	***	Calcutta.
	404	441	***	606	487		194	-100	***	2 6	0	9 4	0	3 2	0	411		1.0		112	1 2	1 0	0	+41	93	14 0	Semigunge.
	0.67	***	100	000			***	***	401	9 9	0	2 1	0.5	2 0 0	D; 6	0 8	0	0 !	7 0	0 6	0 2	1	G	3 2	o a	4 0	Dacea.
	004	***	000	200	44+	***	,,,	***	+0+	2 4	0	9 4	0.9	3 6 6	3 0	7	0	0 7	7 0	0 7	0 8	0	ols	3 0	03	2 0	Naraingunge
,	404	.,,	241	141	161	tan	***			2 6	0.	2 6	6.8	0 (0 0	4	DF (1 4	10	0 5 3	1 4	0	0.4	0	0 4	0 0	Chittagong.
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	nde	***	***	401	11+		411	***	989	2 10	(I	2 10	0.5	12 (. (6	0 () (0	0 5 1	1 3	7	Dig	8	0.4	6 0	Balasore.
	801	**1	***	841	***		***		100			***		447		944		**		147	1 2	6	0	6	02	12 0	Pogree,
	104	191	800	449		145	600		3+4	1 10	()	1 10	1.5	0	0 (9	0	U E	3 0	0 8 0	9	12	0 9	12	02	12 0	Cuttack.

Published for general information.

COLMAN MACAULAY, Secy, to the Govt. of Bengal.

Meteorological Report of the Province of Bengal

											STATIO	N OBSI	ITAVAS	ONS.					-
П	٧					AIR	PRESEC	ILR.	WINI).			TE	MPHHAT	The.			idity	con:
	Distric	T.		Representation station.	re	Mean barrantite feigut, IV A.M.	Venn reduced to sealered.	Variation from	Prevating director to E.	Mean wind velo-	illahest during	Lowest during acek.	Mean maximum temperature.	Mena Trimmits to a perfect of wrea.	Mean daily tem- persion of work.	Variation from personal mean	Nean 10 A. M.	Average hum	Average cloud amonus at 10 a. M. for week.
	F9		6	Gopulpare	***	20.268	231414	-	BSW	4551	113 G	73'8	8517	8112	83.5	-	6410	79	\$1
	Proree	844		Palse Point*		29'578	20%46	026	WSW	985	86:4	7416	5010	7616	51.5	-1.8	6314	87	1 0 ≥
	Cuttack	49.7	**	Cuttnek		20:511	mil. alles	025	NE	55"	6814	7010	Bûr	7714	82*1	-1.7	H316	30	813
	Halasore	+3*	8.8 *	. Halasoro	61 -	201413	201071	-	8 8	1171	64-1	75'7	Bå ti	7710	81'6	-	82.7	163	816
1	South-West Mi	dnsi	1010)	Sangor Island		201545	201674	(030)	SW	112.	807	7810	8318	79.6	81.7	-1%	62.3	97	8/3
	South 24-Porgu	nnai	na)	Sankor tauran	41-		1											1	
	Midnapore	24.4		Midnapore		*******()	29/560	-	Variable	11171	8818	7613	HTTS	79.2	82'5	-	8414	79	616
ij	14-Pergumaha	44*	***			1					1			i					
A L	Hownh	9 6 4		Calcatta	91	20:541	40,000	'011	SW	101	89'5	7017	6014	7516	85.1	-0 d	65 0	82	M.M
DENGAL	Hooghly	441							4	1									
1 500	Hardwan	234	, .	Burdwan		250,900	28,265	033	8E	60.	021	7b'l	593	7913	843	2.0+	8510	77	8.6
1	Bankoora	9 4 4																	
COLTE-W	Beerbhoom	411		Пантиринде		00.431	-	-	SW.ENE	130.3	02.9	20-8	82.0	7813	6315	-	15610	52	7'9
De la	West Burdwan	44.7	,j																
	Moorshedsland	***	4+	Herhampore	14 -	201498	201503	-3625	E	102.0	E3:7	7713	8916	78:7	E12	+0"2	82.5	83	819
į	Nudden	***		-+4.41				Oh	servatory i	tot Rfurt	ed,								
	Jessore	0.4.7	"]	Јевесте	47.	######################################	20°670	'033	ы	[06,	90'7	7711	SEM THE	73/3	6-61	+-0.7	R514	81	9.0
(Khooina	y 6 =		2 CHARLES	47-		1	003								1.07			
1	Chittmeons	4.61		Philingons		29 550	291630	007	610	161	87:1	20.0	85%	7673	8010	-04	tradical from to	85	817
	Chittagong Hil	l Tro	cla	Dennarr	**			Obs	ervaliona i	iút foreit	rud.								
DEADER	Hackergunge	448	**	Rarrani		EDIONE	-	-	SE	1122	87.1	7214	8-816	7719	60%	-	6311	86	8.3
	Nonkholly	141	4.1	Neakhelly	400	201026	2277003		ESE	895'6	867	76%	85.0	77.2	61.1	-	8313	81	810
	Furrendpore	+ 4.1		Porreedpore		20 549	-	-	SE	b12 0	80.5	7611	651	7818	8312	_	8510	70	6.1
W.	Daces	4.00	D	Dagen	110	227505	201.200	-1012	SSE	165%	87%	7710	1.83	7519	8310	+0.9	8617	80	716
	Commiliah	0.07	4.1	Commilinh	881	21/ 570	20 (1)	-	SE	11712	801a	2019	67.0	7616	8119	-	H218	9 {	310
-	Mymenausch	- 61		Иушиныцей		200554	-	_	8E	149 8	90:3	77°0	857)	7719	Bata	-	8476	81	6.8
1	Boggs and Publ	0,10	941	Sernprunge		201637	59 561	-	SE	100%	1.06	0714	59 (1	7810	94.7	-	8415	81	6%
	Hajanahre	499	61	Rumpore Been	leph	291401	20.902	-	SE	out of order	9110	75'6	85 1	76 p	8212	_	8513	79 1	4.7
1	Dimmeriore		47	Dinngepore	**	2011034	#F550	_	8E	3 91.3	921	77'1	001	78.9	81'6	-	5514	81	619
	Mangyore	***		Rungpare	441	201477	atriĝ00	-	SE	115'4	92'8	77'0	9015	72.0	84::		8513	81	476
	Julpsgoren	p4+	}	7-1		daysta	all by fighter			121 4	Emb 44	Tree!	Guta	No. o			h.ira		810
,	Couch Behar	4.50	,ý	Julujgoren		20,213	20.98	-	Ľ	1500	02.0	741	83'h	77.1	83.0	-	94/2	88	8'0
4.0	Darjeeling Hill	Dist	ricta	L'arjeeling	0.0-1	201672	-	der	ENE	671	71'1	6613	6817	8712	6216	-	64'5	Pl -	814
7	Fitzmenh	***	}	16		Maraaa	de la constanti	40 an	E>E	41.	Feetand	2210	0.1112	***	6111		0.113	4 4/9	47.84
	North Bhagulp	AP16	5	Purnesh	**	291444	251/500	-1025	P.P	9.4	92.2	70.2	91%	17.6	8416	-0.1	80.7	8	,
j	Mozufferpore	241	94-	Могийстрого	8.63	291395			ERESE	-	9312	7510	9170	7813	851		87.2	81	w .d
1	Lurbhung	g = 4		Imrbhanks	***	201403	291574	-1013	LISE	127	9114	7813	gu h	79 5	B5:1	+1'1	8078	68	BW
	Chumparun	***	411	Motthers	344	20 331	20.723	_	ESK	212.4	96.7	77'9	U31u	7012	861	_	83.4	73	6.2
1	barns	449	Be -	Chupm	***	291367	-	-	E	Win p	82.0	76'5	91'0	79.0	851	-	867	78	518
			1	Debroo	0.47	48.103	29/54	-	E	3307	8314	77'0	8516;	עיע?	Banks	-	8418	70	5.1
1	Sighabad	640	411	Hugar	461	gurada.	29 542	****	E	19012	123.9	77:2	911	70.2	8512	_	6710	74	7:7
11			-	Arrab	417	29/35]	291023	-	ESE	36370	348-4	7716	91'5	80.9	Bd-1	_	84,23	20	0.1
1	Gya	471	144	Gym		29:154	191527	'055?	NK	2	9412	77'3	P213	7718	8810	+1'5	6716	73	97
	Fatan	p1+	11.	limatipore		20082	20/365 I	110	В	141*	82.8	7872	92.0	80'3	56'3	+116	84%	75	71
	south Bhaguipe	0731	2															1	
11	Mountyr	***	1.3	14 tragetal process		29,391	2D10 64 1	-	Variable	81.7	DE 4	70.5	90 1	78'1	841	-	69.9	81	41
	Souther Pergrant	hana		Donuska		29.066	_	_	888	200	901	70:7	8715	77 10	8376	_	63.4	92	670
i.	linearthagn	694	40	tinearrough	***	27'866	231.290	1024	Esc	1891	86 8	12.4	8314	73.9	7814	十世皇	78'6	82	1010
	Lotardurga	***	201 2				20-000	982	200-11		000	14.0	00 4	10.0	10.4	TUZ	100	970	100
9 1			3	Annettee		27'454	20.990	-	-	-	66'0	71'0	0817	78'h	77 ≪	-	7816	83	910
1	Manuadom	401																	

" Monte for 6 days.

The Amendity of the atmosphere is expressed as a percentage, saturated are being represented by .00. A clear sky is denoted by 0 and an overcast expanded as a new part of the street of the atmosphere is expressed as a percentage, saturated are being represented by .00. A clear sky is denoted by 0 and an overcast expanded on the atmosphere is expressed to a percentage, saturated as percentage, saturated as the control of the street of the residence of the rainful in that district determined from the returns sent in by the subdivisional stations in the district sending in returns, divided by the number of stations. A rainy

for the week ending Friday, the 1st August 1884.

				Pin	TRICT OBR	- 0 2 00/2								
-	-				RAINP	A L.L.								
Latione	Of we	nk.	Sinc	ee lat of July			nce 18th Ma	3.	number if days.	number 3 days.	Representati	to	DISTRICT.	
observing .	Mean for district.	Normal mean.	Ven for dalriet.	Cormal mena,	'artallen.	Year for destrict,	Vormal Ibean,	artation.	of rainy	Vermal ne				
51	-	-	-	-	-	-	-	_ 1	-	-	Gopulpore	· j	Program	
100	1155	2 58	11'50	13:11	-1.95	19/57	88716	± β°07	3.0	4'5	Pales Point	9	11/11/11/11	
10	2-20	2:86	มาย7	13 14	-317	21/16	24186	-8:31	413	4.1	Cuttnek		Cuttack	
	3.03	3'48	14'67	14.84	+0135	28105	24171	4 3136	4.8	4.0	Balasore		Hatmaru	
78			18:11	11.00	A 90-41	*****	88.0H	+4143	477	415	Sauger Island			apor
83	2765	3.76	10.11	15:70	+ 8'41	32'53	go un	4440	* .			" (South 24- Pergunn	sho .
80	3.02	3'50	1 n 188	13'82	+3,06	23/29	26"01	-171	3.3	4.1	Midnispore		Midtispara	Ft
-									j			1	24-Permunaha	
140	3.16	4*02	10:26	13/01	-275	2241	\$8189	-3'47	616	8'3	Onleutta	11.1	Howish	
42												L	Honghly	
	1.07	3100	6:76	10:04		17183	22183*	6'50	3.7	419	Burdwas	4.0	Burdwan	
202			}									1	Bankoora	81
	1-90	4'29	10/97	13180	-2*59	18166	26165	-8119	673	515	Rangunge ,		Heurbhoom	
'79	1.00	7.27				4-2 1041						1	Wont Burdwan	**
	9.08	3:26	6'03	* 11:69	-3'61	17.93	23'61	-87F8	410	4 fl	Herhampore	24	Moorshedabad	
70	1.18	8.34	7:15	10.51	-3:70	19300	\$4:46	- 5146	275	610	196434		Nudrea	41
		0.00				10 110					l		Јичного	
101	2'45	3.65	8.02	10117	-362	27'53	29113	-0:63	616	₽.5	Innore .	{	Kliouina	
-	0.000	B.//10	21 59	35'57	—10:8H	20121	64163	-9'20	0.0	€ U	Chittagong	47	Chittagong	
100	279	9*98	tring		-10'61	60.11	48.18	-9'42	6.0	60	Deniagiri		Ohitsagone Hill Pr	
	3,00	8'19	10'67	20 47		24.50		-1:01	4'8	5.7	Harrisal	441	Backermone	
730	1.12	2 01	1970	18 HS	-91h	41187	43146	-11:32	610	6.0	Nonkholly	91	Neakhalle	
108	4105	6.39	8 08	24-21	-4.24	47%0	50 12		31°0 j			***	Kilewalness	
186	2'34	4'31	8,hg	12 07	— 6°B11	23.64	80.00	-0.41	3.7	512	Furrendpore	147	Daren	
10	1'20	4.85		14187	-0.80	26165	30127	-0.83	810	2.1	Disco	02:4	Committee	
180	3:76	4.31	12/92	147/7	2'46	30:37	37100	-0.00	1	5'3	Commilish	980	11 vinerale	
106	0.63	3.89	7194	1672	-8.90	30178	38 23	-6'61	3.9	810	Mymensingh	24.	Hogen and Pubna	1
rda .	1.76	3'28	8.15	12747	-5.75	02'11	28153	-5.65	5:3	4.0	Seraggunge	1.0	Kajahahye	11
130	1.23	3.0k	0159	12:63	6'114	19'85	95 CB	-0.04	4'0	6.6	Rampore Heant	aslı	[Man Janes and	00
165	1.22	2'47	2,65	11'67		24151	20149	~4:01	3 H	41	Dinatepore	481	Unio desarra	4.0
111	2-91	8'21	8,92	15/24	-591	31:37	42199	-11762	2.5	3'6	Rungpore	100		40
			18'71	20:10	-5'48	55166	61.10	-6:66	610	416	Sulpagoree .	{	Julpigoree	4.0
113	2160	8,83		50.10	- 0 =0	50 44	01.10					(Coooli Beliar	
78		6180		39-55			84199		1	5.6	Darjeeling	4+-	Duryonling Mili Di	Hriot
			15/10	14139	-1'23	24.78	26 40	-3.24	218	618	Purnes6 .	}	Puritina	
3	1'82	3:57		7.6 29	- 2 84	2/6 10	20 00		1			(North Bhagulpore	**
01	1		8-16	13.10	SP half die	15'95	ph. culture	4 77	3.2	3 9	Durbhungs	}	Musufferpore	*1
104	3'67	8.80	0.40	11:76	-3'60	1D 20	20172	241		4.4		(Durbhouga	
	2:05	3:12	23167	12:39	4-0 93	21'07	21.04	0157	1.7	3 5	Motibari	011	Спошрагия	0.0
119	1146	2.34	7.70	11'97	- 6'21	13'06	19'68	0'57	3.0	6°U	Chupra	.,.	Sarus	20.0
117									i		Deliree]		
184	1'00	3160	7 36	12 38	-5114	10'47	18'45	-8.01	1.0	6.6	Buant	}	Strahebad	64
1167	5								1		Arrah	لس		
1.12	0.62	4'31	6°88 .	1270	-8:27	10'89	10'96	-0.10	2.3	41	Oyn	-1+	Gyn	*
1.48		3.65	8108	12 37	-571	12.77	20125	7166	375	411	Rimgipola		Patna	4.0
115	1,09	0.00			1			0.000	8'u	4.7	Magainee	,	South Bangulpore	101
512	L'95	9-75	7*58	12:39	-6'81	18:40	20:79	8:33*	30	4:7	ithaguipore .	··· {	Мондруг	**
			8:00	18:13	-4116	16164	36169	-7'86	6125	415	Doomin	+4	Southal Fergunian	. 0.0
2104	1'05	3.83	7:97		-5198	18777	89.99	-10'61	8.9	518	Honoribagh	,	Hasaribagu	.,
1'05	2:11	8.90		18-70	-3							1	Lobarduggs	4 9.0
76	270	4.02	10.21	13:90	-3129	16'16	20126	-7'13	0.0	618	Kanonen .	f	Manbluotti	
0.10			18-18	15'84	+2'50	23'56	26°2's	2166	6'0	518	Unyeques		uinkanaam '''	111

paried for the past one year. The variations are negative when the from for the wook is less than the corresponding normal mean, and desired question the past one of the say owned, the whole sky being denoted by 10. Order the head "district query, by 10. The number denoting cloud amount represent the part of the say owned, the whole sky being denoted by 10. Order the head "district query, by 10. The number denoting cloud amount represent the part of the say owned, the whole sky being denoted by 10. Order the head "district query, and the results are the numerical average of the rauntal returns received a number of the past on the past one of the rauntal returns received a number of the past one of the rauntal returns received a number of the past one of the rauntal returns received a number of the past of the past of the rauntal returns received a number of the past of the past of the rauntal returns received a number of the past of the pas

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 1st August 1884.

		*			B.	IPPALL	4			Total	Bå.				
fessorological deviatora,	District.	Station,	Saturday, 20th July.	Sunday, 27th July.	Nonday, Sit	July.	Wednesday, 29th July.	Thursday.	Friday, 1st August.	Number of rainy days.	gainfull of week.	Total rain- fall from int July to lat August 1984.	Average total rain- fail from let of July to let August.	Total rain- fall ance 15th May 1966.	a verne minial from ist May to date
2300à se	Poeres	Pooree Khurdah Banpur False Point Hookitola	1°17 0°08	0.11	184	0-88 1'01 1'43	0.01	0.07 0.20 0.67	0143 0123 0150 1113	4 2 5	1'07 2'44 1'67 8'23	19:01 11:51 9:41 13:21	11.76 13.50 12.00 15.03	20°04 21°08 14°09 21°30	22°6 24°4 22°6 27°11
	Outrack	Jagatsingpore Banki Cuttack Kendrapara Jajpore	0.18	0°12 0°34 0°35	0.09	1:91 1:01 1:57 1:21 0:80	0:04	0188 0186 0150 0173	0109 (0.74 0.70		\$160 \$74 \$41	9:00 9:54 8:01	21°40 34°33 12°46 36°36	97'89 17'03 15'90	19-p 97-s 93-1 98-9
	Balacere	Chandbali Bhuddruck Borah Balanore Jelbaore Baripodah	0.08 0.25 0.39 2.05	0°10 0°29 0°25	0.08 0.08 3.17 0.60	8:87 1:14 0:80 3:13 1:00 1:40	0:30 0:05 0:15	0.59	0'03 6'10 0'54	7	6166 1177 1150 6118 4167 2120	16'49 6'71 11'22 19 13 20'17 15'03	13:73 13:61 14:35 14:37 16:71 16:72	29*14 23*94 21*77 87*96 20*61 87*78	23 te 24 te 24 te 26 te 26 te 26 te
ovn-W 200 Bryoal.	Midnapero ,.	Contai Sauger island Tomlook Midnapore	0108 8191 0144	494-91 494-91 414-9	0.45 0.41 0.45 0.45	0'46 1'37 0'50 0'53 0'14	4190 0 47	0.03 0.20 0.20	414444 44444 44444 44444 44444	4 4 6 8 8 8	1'49 2'49 2'20 0'92	13/13 23/01 11/60 22/64 13/4)	15/97 15/16 12/18 12/16 12/16 12/16	28779 87760 23710 28710 28710 20730	27"(84") 23"(26"(
	34-Purgunnaho	Diamond Har-	1'49	01117	1'10	0.01	0 10	0.39	0.03	6	3.65	17'10	14'93	81'11	971
		hour, Alipore Jail Burrackpore Dum-Dum, Baraset Busserbat	0162 0100 1116 9 85 0184	9 01	2 15 200 136 175 016	0°07 0°95 0°14 0°15 0°23	0:64 (0:65 0:6 0:45 0:40	\$0.0 60.0 60.0		6 5 5	8° 69 6 73 3126 1'61	12:27 9 13 13:25 9 46 9 47	13:77 12:04 12:29 11:45 13:27	\$5.70 \$4.71 \$5.90 \$1.92 \$2.98	261 261 261 261 261
	Howrah	Howrsh	0 35 :	-14 940	96.8	0.99	0.41	0°05	******	16	2°20 1'21	B110 9170	13:63 16:30	19791 21734	261
	Hooghly	(Holoberich) Nerampure Hooghly Jahanabad	0147 0188	*****	2:32 3:91 6:05	1:50 6:62 6:18	1185 (058 (025	400.00 		4 4 3	5164 5.85 0148	12 75 10 2 7 96	13 21 12 54 13 11	24'00 10'10 18'29	26°
	Hardwan	Culna Burdwan Cutwa Rancogungo		10707	2:28 0:30 0:43 1:79	0°10 0°17 0°28	0°18 0°45 0'61 0°21	0195 0165 0165	******	4 3 4	2:56 1:20 1:46 2:73	7:35 7:16 6:59 10:97	11*14 11:57 10:25 32:96	18/44 12/51 2/51 18/40	21 22 23
	Sankoors	Bankoora Eishanpora Maliera Khatra	0.41	,0145	0°83 0°85 1°65 0°16	0.84 0.35 0.35 0.11	0:37 0:19 0:45	0.71 0.71 0.11	-441- -201-11- -11-11-11-11-11-11-11-11-11-11-11-	8 8 6	1,10 5,22 1,40 1,40	22567 D 12 10525 12 83	12:74 12:60 12:60 16:75	16 54 16 54 16 54 18 18	34 26 30
	Bearbhoom	Bh. Soory	.,.,	400.12	0190	0.00	0.57	0°8e		4	1.04	9190	14:07 12:11	1770	26
	Nudden	Bangong Banghat Kinhanghur Unvestanga Meiorpero Koosites	0183 0117 0155 0 44	######################################	0°10 0°39 1°72 0°33	0°48 0°48 0°05 0°05	0°29	6'25	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Nil 8 8	1119 No. 1145 1161 2158 0191	6160 8 25 7120 8 73 5 94 8 05	1172 2074 1072 1073 1070 1070	14°21 22'02 16'12 19 36 16'70 21'09	52 53 54 57 50 52
	Ebooins	Satkers Sagarius Education	0,502 1,000 1,000	19-919	0°80 0°73 1°45	0'46 1'74 0'12	0:33 0:45 0:61	0,15	0'05	6	2 1 s 6'0 s 8'5 s	10 45 10 45 13 25	12:14 15:35 12:41	20184 27139 35165	385 313 387
	Jesetto	Narati Joannes Jimminh Magoorah	0165 1185 0.49 0140	(3-34) (3-34) (4-1-	0:31 0:11 1:20	0108 0173 0183	0 18 u'35 u'25	brua :	### · · · · · · · · · · · · · · · · · ·	9 0 4	B198 1182 2178 0197	4'n1 8'44 7'59 8 17	10 do 12 o2 10 34 11 28	16-99 25-79 31-43 21-97	9.5 Ter 10 20
	Moorehadshad	Kandi Rampore Haut Influence Lalbarn Jungpore Lalgola	0.04	0185 0161 0161 0161	2:37 1:86 1:28 1:55 3:64 1:54 1:64	0.45 0.45 0.47	0°44 0°50 1 12 0°61 0°45 0°25 0°20	Philade Ebbook Anglish	D*33	6 8 8	8 91 3:51 1:96 8:61 8:04	7198 8:30 0163 7143 7:47 7:47 8:30	12 7D 14 ds 11 ds 12 ds 10 57 12 00 12 79	12, 91 19 50 13 14 19 31 19 31 19 31	26 24 27 1 20 21 21 22 23 24
497 PRODAL	Chittagong	Cox's Huang Cintingong	0.45	1'04	0 45 1/31	0.01	0,08	0.11	*****	0	2:01	28'85	61 '84 23 23	71'66	83 88
	Chittagong Hill Tracts.	Hardin		0°51 1°57	9'Sh 0'60	8.08 0.08	0.80 9.80 1.18	0.13 0.61	0103	6 8	2:49 3:47	9186 13 09	20°47	81.74	96 31
	Backerguuge	Patuskhally foresepure burnasi Blode	0 07 4" u 0'65	\$1.0 \$1.0	0'60 0'57 0'30	015H U194 U109	0:13 0:13	0°20 0°02 0°04	0.50	3 3 0 5	110 0125 0168 1180	16'95 12'57 16'07 26'81	23:7s 1s/s5 16/57 16/47	48°90 85°44 85°05 47°05	84 8d 87 47
	Neakbolly	Nonkholly	2788	2°12 1'8:	0:45	6.18 6.80	0.11 0.13	0.03	******	6	8184 8178	23:30 15:15	20:78 23:48	97.19 97.19	86
	Parreedpres	Madaripore Furrest pore t-oniundo		\$4115. 411 11	1.84g	0.03	0°94 0°11 0°37	00040E	0.12	8 8	3 23 2.11 3.00	6'50 8'63 8'89	13/34 12/36 12/36	2010 2715 2478	\$1 50 20
	Daora	Inumbigunge Decen Naturngunge Manuagungu	0.91 0.29 0.91	0:18 # 67	9146	0.07	0'45 0'45 0'45	0.03	454v0 45410 1865V0	4 2 3	1.00 0.81 1.00	8101 6193 6 70 9117	17'72 16'61 12'48	20 07 23 00 30 18 36 86	36 32 38
	Comilia	Comila Chandpore oralemunheria	1'15	0.00	9:05	0.78	0.12 0.10 0.93	9.08	000-00E 010-195	6 8	2'69 0 75 0'81	11:00 11:03 0:96	IR188 10188 11186	62198 20105 60171	42 41 23
	Mymensingh	Kinhorngunge Atta stymetistingh Jametporo Astronome	0.11	0'22 0'35 0'03	0'25	0.03	0°75 0°06 0°95	0.14		8 6 4 3	1°10 6°63 0'20 8°77	7:28 6:24 7:10 10:40	14'36 11'36 15'79 13'94	18*77 85*67 21*43 55*00	35 35 40 32

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 1st August 1884—concluded.

					Ē	LARBALI	lin			Tot	AL,				
esseroiegical division.	District.	Sintion,	Agturday, 98th July.	July, Stih	Monday, 28th	Tuesday, 19th	Wednesday, 36th July.	Haraday, Elst.	Friday, 3st	Number of	Ramfall of week,	Total rain- fall from lat July to lat August 1884.	Average total min- ful from but July to int August.	fall since	Average rainfail from 18th May to date,
DETE BEHOAL	Pubna	Pubna	0.38 0.63	144,11	9109	0*14	0.15	0 °50	4****	4 6	0.00 mg	7 65 10 12	10760 11 87	21'86 \$1'86	26197 27:26
	BogTh	Sherpore Nowkhilla Hogra Panchbibi	0'60 B 04 0'54 0'20	1°00 0'85 0'16 1'78	0.89 1.53 1.00 0.85	945144 98444 16484	0.18	10-11	###### ******	8 4 6 3	1186 1128 1194 2180	7'89 8'37 8'77 11'05	18°23 13°00 16'73 14'36	25 37 27 29 21 36 25 36	313133 37164 33195 30117
12	Rajokahyo	Beauloah Nattore Nowgong	0'31	91941	1'01 2'20 1'10	0.14	0°11 0 80 0 30	******	44414	6 8 8	1 53 2'44 1'52	7 06 7 189 7 189	12:67 18:1:1	18'15 22'41 21'10	25 3: 87 0:
	Waldah	Maldah	0125	0104	0.13	0.09	0.32	*****	******	В	0'81	6'59	12'10	19-57	\$5.3
-	D ивысероте	Mohadehpora Churamon Raigunge Dinagepore Balcorghat	0°10 0°81 0°17	0°26 0°25 0°22 0°09	0'18 0'41 0'19 0'32	1:85 0:62 0:66 0:05	0.00	0.04	**************************************	31 5 4 5	0180 2124 1139 0100 0172	4760 8767 10 20 7 17 7 55	11'64 0'37 11 39 13'94	19:30 30:07 26:72 22:74 27:16	25) 44 25 (1) 26) 7: 36 (4)
	Sungpero	Bliawanigunge (Gyabanda).	0.80	5117	68.0		194140		610010	8	6.80	15.39	12'86	Seres	33 6
	1tulmana	Runcpore Kurucum Bagdogen (Nilphamari.) Julpagorea	0.20	1°80 0°34 0°88	0.15	14114	******* *******	Pare to		8 1 3	3161 0135 1163	7:74 4:01 30:10	18:30 18:59 14:18	33174 30120 30156 80142	63'93 40'93 80'11 63'93
-	Julpigoree Cooch Behar	Dinhatta	0.01	0,000	0'39	0'12	480-14	*****		3	2'82	19:da 8 1u	12'6's	68166	93.4
		Micklinings	0°17 1°20 0°04	110 135 636	1799 0135 0165	0.32 0.32 1.03	0.03	******	## 1-7 1-7 1-7	5	3197 3150 1154	18:25 13:27 15:51	23100 16-10 29100	51'90	67'56 67'56 65 23
	Darjeeling Hill.	Buza Silliguri Parjeeling Kalimpong	972 9790 978 9763	1:44 0 ((8) 0:47 0:03	7 65 6126 1145	0.47 0.13 0.14	0128 2509 1119	0*14		8 6	11/84 7:74 3:78	39153 30 64 20133	48:97 7 80:17 7	52'00 53'26 37 Hs	111/01 F 8s/70
REAL BREAK	Purnesh	Armedia Purnedia	0.00	1:06	2154 1154	158 658 0704	 	Q'Od		3 1 6	4130 0130 3100	21:81 13:80 10:87	2616b 35172 14145	35 101 85 55 25 53	\$2 % \$1 mi
	North Bhagui- pore.	Muddapore	0142 0135	0.16	0°15 0°17	,	hP#446	*****		3	0°57 0°68	7:11 7:28	3.2180 1.2187	la ng la wa	23°30
	Durbhungs	Tuppore Duchtuogs Mathubani	0.10 0.18 0.10	1'34	0°70 0°53	0.11	0.13	-14144	******	3 3	1157 1104 0179	8:04 6:17 7:06	12160 12-12 10160	15 55 11 62 15 13	\$10.94 \$1.94 \$0.81
	Mosuferpore	Situmarhi Mozufferporo Hajtporo	0.40	21:3 015	1.51	0.96	0.15 0.0a) # 1 4 a j	**************************************	3 5	1140 3560 0.27	Junes 7 05 11148	10168 12154 12108	17:20 15:10 21:14	10.00 31.51 30.00
	Champarun	Mothari	100202	**1004	8,92 8,81	0.03	484888	******	******	2	013A 8165	18 ñ § 11 '30	10:25	30.32 30.31	19 11 #379)
	Sarun	Gopalgunge Sewan Chuprah	0°01 0'35	8114 0:70 1:40	0'01		0 17	1114)	*****	3 7	815 0155 2-01	13%a 6.25 0%a	15:26 11:26 16:16	21°93 10°43 16°67	93 73 20 de 38 pe
orn Bense	Nhahabad	Buzar Deireo Blubocah Sameran Arrah	U*30	J'og	0185 910h	411-46 41-66 4-4- 1-68	0'42 0'66 1 40 0'55	## 1 # 1 # 1 # 1 # 1 # 1 # 1 # 1 # 1 #	19911) 10-11 10-11 10-11	1	1/87 6/76 6/30 1/40	6728 6809 8666 5664 6600	11 04 2 2 15 02 15 13 11 00	11 00 10 57 8 57 8 51 3 53	17 8; 19 6; 19 20 17 9;
1	Пув	Aurungabad Gya Nowadah Johanabad	0.10	0°13	******* ******	0.10	0°30 0°78 0°36 0°20	******	0:11	3 1	0163 1.12 0154 0170	7 160 7 160 6 160 5 70	14/29 14/40 12/16 12/71	15-13 11-3 7-13 9-95	19:14 11:14:14 14:14:14:14:14:14:14:14:14:14:14:14:14:1
8	Paten	Patra Disapore Bighar Barrh	0.02	0°07 0°27 0°38 ±'50	0'04	0.02	0.50 0.11 0.90	******	44-115	3 3 4 :	0.07 0.04 0.43 8.12	451 644 71 444 46 644 86 1334	11:80 11:25 18:00 12:77	1470 1600 7.7 1297	20° 63 19 93 20 30 10° 56
	Monsbyr	Regomerai Monchyr Janui	014	1°55 0°27 0°20	0.32	141491	0'52 ' 0'06 0'12	f******	*****	8 6 2	0.45 0.45	6:35 8:45 7:06	2 11:65 13:20 13:40	15°23 16°25 15°20	39154 81123 21144
	nouth Bhazul-	Bhagulpore	6/17	0161	3'47 1'00	******	0'63	0.15	******	4 2	4'74 1'17	10°11 8°19	11780 11761	23'04 20 62	20:75 21':1
	conthal Pergunaha,	Rajmonal Godda Farour Nya Doomka	0.10	0.50	0°08 0°22 0°83 0°41	0°16 0°17 0°04 0°16	0.18 0.49 0.18	0.11	0.40	4 2 3	1125 1107 1120 1177	7142 7142 4104 8104	12 19 12 02 12 12 13 97	18 % 13 #3 16 27 13 #6	24 47 21 34 20 37 23 31
		Jamuara	0.04	******	1.46	0.19	1.22	0.11	0.02	6	\$160 \$160	15103	13 03 13 61	21 92	20 66
PURIA MAn-	Hamribagh	Pachamba Hazarmagh Semagurah Mahudi Hilia	0.13	0°25 0°14	0.03	0.90	0.90	0.21 0.58	0.03	8	1,12	9196 6170	12.75 16:23 15:02 15:15	16.13	29.79 29.71 30.08
	Lonardunga	Lohardugga uanchi Palamow	0107	89871) 878780	0.79	1'82	0°83 9°67	0.85	0:31	6	8°37 £ £4	14°39 7°80	7 18:04 18:62	28'58 30 mi	24 94 20 65
	Stuffbhoom	Chyebana	0.00	COUNTY COUNTY	0.08	1'25	0.43	*****	**** /	4	1'77	DH 13 .	15'56	2156	26'23
	Manbhottn	Purnius	0.10	0.09	0.97	0.70 6'37	1.63	0.10	241100	6 D	2'16 ' 1'97	11:78 9:08	13/57 13/06	11:51	a 37,00 39,34

Explanation. - Indicates that no rain has fallen. If the return for any day has not been received, the corresponding space to left which. If some of the returns

CALOUTTA

JOEN ELIOT,

The 4th August 1884.

Meteorological Reporter to the Goot, of Benyal.

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL DURING THE WEEK ENDING THE 18T AUGUST 1884.

It was stated in last week's report that a depression and cyclonic disturbance had ormed near the head of the Bay, and passed across the Balasore coast on the morning of the 25th of July It advanced across the North Orissa hills into the Central Provinces. It brought up moderately large supplies of aqueous vapour. On the 27th a slight said-formed depression began to be generated in East Bengal. It gave rise to a feeble but distinctly marked cyclopic circulation of the air in South Bengal. The centre was near Jessore on the The centre was near Jessore on the 24th, and marched slowly westwards past Calcutta on the 29th. It continued to advance in the same general direction on the 30th across Chutia Nagpur, and apparently filled up during the day. This was due to the fact that another advance of south-westerly monsoon winds was in progress up the Bay. They gave rise to the usual eddying action and slight disturbance in front. The observations at Akyab indicated its advance to the latitude of that station on the 31st, and those at Chittagong on the 1st. The cyclonic disturbance produced by this burst of monsoon winds crossed the Balasore coast on the morning of the 3rd and advanced north-westwards across Chutia Nagpur into the North-West Provinces. The weather, it will thus be seen, has been of the same character as for some weeks. teristic feature of the present rains in Bengal is the large number of feeble rushes up the Bay into Bengal of south-west monsoon winds, each giving two or three days moderate rain followed by two or three days of warm sultry weather. The first four or five days of the past week were days of light to moderate rain over nearly the whole province, whilst the last two or three days formed an almost complete break in the rains.

Pressure-Increased on the 26th, more especially in Orissa and South-West Bengal. Pressure was at this date considerably above the normal in East Bengal. It began to give way on the 27th, the fall being most marked in East Bengal. The fall of the barometer continued on the 28th, and was again largest in East Bengal and the central districts of South-West Bengal, so that an area of deficient pressure covered the greater part of these districts. The changes of pressure during the 29th and 30th were mainly due to the westward motion of the area of deficient pressure across the central districts of South-West Bengal into Chutia Nagpur, where it filled up on the 30th. Pressure again commenced to decrease generally over the province on the 31st. The full was greatest in East Bengal, and continued during the next 24 hours, when the various observations indicate the existence of a small depression near the head of the Bay which was passing westwards to the Balasore.

Winds.—The strength and direction of the winds have been directly related to the small disturbances of the week. Moderately strong monsoon winds set in on the 25th, when the sixth whirl of the present season crossed the coast. Winds were very abnormal during the existence of the land-formed depression from the 27th to the 30th. They were very light

during the break in the rains on the 31st and 1st.

Temperature—Was generally slightly below the average during the first four days of the week, but increased rapidly during the last two days. Hence over a large part of the province including South-West Bengal, East Bengal, Chutia Nagpur and the eastern districts of North Behar, the mean temperature of the week was very approximately normal. It was above it over the greater part of Behar by amounts ranging between 1° and 11°. It was 14° in defect in Orissa. Moderately high maximum temperatures were registered in Behar. The highest was 98.7° at Motihari. in Behar.

Rainfall.—Has been fairly general over the province, and occurred at frequent intervals during the first five days of the week. The showers however were seldom heavy, and hence the total rainfall of the week is below the average in nearly all districts.

Rain fell in Bengul on the 26th, a few local showers occurred in Behar. Rain in moderate amounts was received on the 27th in all divisions except South-West Bengal. Bhawanigunj in the Rungpore district obtained 5:17 inches on this day. Moderate to heavy rain over the whole of South-West Bengal, North-Bengal, and over a large part of Behar on the 25th. The heaviest rainfalls were-

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Siliguri
                                                           ... 7.65 inches.
                       . . .
                                                           ... 4.26
Darjeeling
                       000
                                               990
                                                                        31
                                                                8.91
Hooghly
                       ...
                                   ...
                                                                8 64
Azimgunj
                                 ...
                       ...
                                               240
                                                           ***
Bhagulpore
                                                                8:47
                                               ...
                       ...
                                   000
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Rain was again received, in diminished quantities, on the 29th in South-West Bengal and North Bengal. Moderately heavy rain occurred in Orissa and Chutia Nagpur, and local showers in the remaining divisions. The heaviest falls were-

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Chandbali
                  000
                               644
Balasore
                                                     ... 8.12
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The S0th was a day of light to moderate general rain in South-West Bengal, East Bengal, the southern districts of North Bengal, South Behar and Chutia Nagpur. The only large amount reported was 48 inches at Midnapore. Light and more or less local showers occurred on the 31st and 1st in Orissa, South-West Bengal, the Southal Pergunnaha, and Chutia Nagpur. These two days were practically rainless in the remaining districts of the province.

The rainfall of the week has been in defect in every district except Balasore. The variation from the normal was less than ten per cent. In the case of the Balasore, Cuttack, Murshedabad, and Rungpore districts, which may hence be considered as having received normal rainfall during the week. The Midnapore district received 86 per cent of the average; Poorce, the 24-Pergunnaha, Howrah, and Houghly between 70 and 80 per cent.; Manbhoom, Jessore, Noakholly, Chumparun, and Julpigoree between 60 and 70 per cent.; Rurreedpore, Rogra, Pubna, Rajshabye, Purneah, Durbhunga, Mozufferpore, Hazaribagh, and Bhagulpore between 50 and 60 per cent.; Burdwan, Bankura, Beerbhoom, Sarun, and the Sonthal Pergunnaha between 40 and 50 per cent., Singhbhoom, Commillah, Nuddea, Patna and Shahabad between 30 and 40 per cent; Chittagong 28 per cent.; Burisal 22 per cent.; Mymensingh 21 per cent.; and Gya only 15 per cent. of the normal rainfall of the period.

The preceding statement shows that the rainfall of the nast week has been remainded.

The preceding statement shows that the rainfall of the past week has been very irregularly distributed. The deficiency has on the whole been most marked in East Bengal and South Behar, which have received only thirty per cent. of the average rainfall of the week. The deficiency was less marked in North Bengal, South-West Bengal, North Behar, and Chutia Nagpur, where from 50 to 60 per cent. of the normal rain of the week fell. Orissa was the only division in which the deficiency was small and unimportant.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the Province for the week ending Friday, the lat August 1884:—

August 1884 :-

			TEMPE	RATU	RH.						RAINE.	ALL.				
	# Peek	week.	Avera	ures for	wenk.	abaye or		• Of wee	k.	R	dny da	50.	Since		Since Ma	
METROROLOGICAL DIVISIONS,	likhest observed during	Lowest observed during	Of highest of each day.	of lowest of each day.	Of mean for each day.	A vivage mean of week a below normal mean of	årenge.	Normal average.	Variation.	Average number in work.	Normal average num-	Variation.	Average.	Nectual a certaire.	"A STREET	Normal average.
Orima Bouth-West Bengal Bast Bengal North Bengal North Bengal North Bengal Chutan Nagpur	90'6 93'7 90'3 92'9 19'7 91'4 96'6	74'0 76'3 75'4 74'1 76'0 76'5 71'5	85'9 87'7 86'7 89'2 91'6 90'1 83'1	78°9 75°8 77°4 77°8 78°8 70°0 78°1	82°1 E3°3 82°1 88°5 86°5 86°0 78°1	-1*8 -0*2 +0*1 -0*5 +1*3 +0*2	2:85 2:45 1:75 2:07 1:00 1:32 2:30	3'03 3'72 5'36 3'19 3'19 3'84 3'84	-0°21 -1°27 -3001 -1°43 -1°50 -2°55 -1°40	4.1	671 570 574 671 470 676 578	10 -10 -10 -00 -10 -10 -10 -10	12:85 9:99 12:65 9:95 10:30 7:40 10:77	14:75 12:73 12:10	23.78, 21.78, 35.77 35.31 19.34 13.37 15.89	21.00 25.23 34.23 41.33 34.23 24.23

· Chychasa not included.

METEOROLOGICAL OFFICE, BENGAL;

JOHN ELIOT,

The 6th August 1884.

Meteorological Reporter to the Goot, of Bengai.

Results of the Meteorological Observations taken at the Alipore Observatory from 27th July to 2nd August 1884.

			bright	harometer	1	ÖMPER.	ATURE.			litezo:	eniky.		Wind.				
Month.	Date. :	Maximum in enc.	Number of bours of sensitive.	Mean pressure barotal at 32º Fabra	Mcan.	Aintinger.	Range.	Nisimum.	Stean wet bulb.	Vapour ten-ios.	Dew point.	Humidity	Prevailing direction.	Miles recorded .	Ram.	WHATME	6.
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Jaly	97th	142.8	0.2	29.514	8.014	67:4	812	7919	79:0	กษร	78%	8â	sw)	111	Nil	Chiefly clo	nà.
	28th	149'0	3.1	161	82 0	6:84	B14	501	70 8	.829	78 5	1 86	SW by W. WNW	70	1, 174	Chieffy clo	ndy
gr)	29th	163:1	8-1	431	83 ()	F#18	104	78.9	80:0	·p87	7×16	118	S by E, coim and variable.	90	0.09	Chiefly clo o, t, p, d.	udy
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Lug	1st	147.5	7:0	426	84'0	643	10:4	78-9	501	' 175	788	84	SW and SE by S	71	Not mea- surable.	thieffy clo	udj
ga	2nd	152 0	4.3	.461	89.3	a'uq	113	70-9	7814	1912	2014	83	SE by S and E by S	112	0.80	Chiefly close o, s, p, t.	ıdy
				re of t				ling p	eriod	ifor 2	4 yes	ars,	S G.'s Office		.) ę	1:461 1:55 7	
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	The n	DAXIUI	um ti	empera	ture		4.0	•					187	4	,) 5 es.	
(The h	ighest	t velo	city of	the v	vind i	n one	hour				***	4	-	. 1	L bs.	
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				e hum tive hu			he co	rrespo	ondin	g peri	od fo	r 24	l years, S G 's O	fice .	:	86 87	
- (The a	verage	e full	rain fr of the	corre	espone	ling i	eriod	for:	24 yea	84 irs, S	G	's Office	• • •	8.	hou, <u>(</u> 4 63 85	4

The total fall from 1st January to 2nd August 1884

The average fall of the corresponding period for 24 years, S. G.'s Office ... 82:09

The average fall of the corresponding period for 24 years, S. G.'s Office ... 85:75

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from observations made at 6h, 10h, 16h, and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No 86 formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The direction of the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o overcast, g gloomy, d drizzling rain, t thunder, p passing temporary showers.

JOHN ELIOT,

METEOROLOGICAL OFFICE, INDIA, Calculta, the 4th August 1884.

for Meteorological Reporter to the Government of India

Abstract of the results of Meteorological Observations taken at the Alipore Observatory in the month of July 1884.

a ,					*	
				Inches.	Date.	Hour.
The mean pressure of the month				29:493		
The average pressure of July from 2		vietove		29-537		
	Tytale It	Stateta	191			105
The highest pressure in the month		4 0 1	- 0 -	29-686		10h.
The lowest pressure in the mouth	* * *	- 0.0		29.314		16h.
The range of pressure			1.04	0.368		-
The total number of hours of bright	musekine di	mine the m	and b	Hours. 115:6		
			1217.11			
The maximum possible number of ho	nts of suns	шие		413:1		
FID				0		
The mean temperature of the month			- 0 4	82.7		
The average temperature of July fro		registers	14.1	83.5	2 4 . 2	
The highest temperature in the mont		***	+ 0-5	93.0	15th	
The lowest temperature in the month			1.4.5	75+G	21st	
The range of temperature during the	mouth			17:4		
The mean daily range of temperature	e	4.0 4	- 1	9-1		
The greatest range of temperature in	one day	* 0 7		18:8	15th	
				Per cont.		
The mean humidity of the month	447		6.0-6	87		
The average humidity of July from	24 years re	egistera	1.0.4	85		
				(netro)		
The mean vapour tension during the			10.0	0.971		
The average vapour tension of July for		s' registers	× 92 g	1.002		
The mean cloud proportion of the me				8:15		
The average cloud proportion of July	from 7 year	irs' registers		8.02		
The total rainfall of the month			9.7	11.96		
The total rainfall indicated by a	Beckley's	aelf-register	ing			
rain-gauge (mouth of the gauge 5	O'5 feet abo	ve the grou	nd)	11:32		
The average fall of July from 48 year	re' register	8		12.84		
The greatest fall in 24 hours				2:13	28th	
				A -		
	- 4			Hasa.		
The number of rainy days in the mot		104		24		
The average number of rainy days	in July f	rom 24 ye	ars'			
registers		***		25		
				_		
m		solas sadios		Θ		
The mean maximum equilibrium temp	CIALUFE OI	SUIRT FRUIAL	ALL COLORS	1.40-0		
during the month	**	4 = 9	5.4	140.6		
The mean difference of sun and air te	4	1		53.0		
				160.2	8th	
The greatest excess of sun over air te				69.3	6th	
The mean temperature of the nocture	al radiatio	n thermome	ter			
on woollen cloth		100		74/3		
The mean depression of the nocture	al radiatio	n thermome	tier			
below the minimum air temperat	ure at 4 i	feet above	the			
ground	4.8.4	444		4.2		
The greatest depression of the nocture	al radiatio	n thermome	ter			
below the minimum air temperat				5.1	22nd	
				Milmu.		
The mean movement of the wind per	day			127.5		
The greatest movement of the wind in	n one day			223.0	Rt 2 to	3 P.M.
The greatest movement of the wind in	oue hour	***		16.0	13th II to	noon.
The number of hours with winds from			_			

N. 6, NE. 16, E. 83, SE. 215, S. 233, SW. 140, W. 20, NW. 7, Calm 24.

The results of observations at the Alipore Observatory are not rigorously comparable with the registers of past years (at the Park-street Observatory). The barometer is about 3 feet higher at Alipore, and, other things being equal, reads therefore 003 lower. The diarnal range of temperature is also greater at Alipore, and the mean temperature apparently about 0.6° greater; and finally, the thermometer, which has furnished the record of temperature at the Surveyor-General's Office during the last 20 years and upwards, is found to read 0.6 higher than the Kew standard thermometer, which is the standard of reference at the present Observatory.

JOHN ELIOT,
For Meteorological Reporter to the Goot. of India.

Mutronological Office. India, The 5th August 1884. Abstract of the results of the Thermometric Observations taken at the Meteorological Office, Chowringhee, in the month of July 1884.

				9	Date.	
The mean temperature during the month		+ 8 4		×1.5		
The highest temperature ouring the month)			98.0	8th	
The lowest temperature during the month		0.01		75.8	21st	
The range of temperature during the mon	th	n 0 0		17:2		
The mean daily range of temperature durin		nth	0.04	94		
The greatest range of temperature in one de				13.2	8th	
e E	*			0,1		
The mean humidity during the month		400	44.	91		
ų P7				inches.		
The mean vapour tension during the mon	th	+ 4 4		1975		
The total rainfall of the month		* * *	4.01	0.56		
The greatest fail in 24 hours	444	4 0 4		2 12	28th	
The number of rainy days in the month		111		Days.		
a via via via via via via via via via vi			JOE	IN ELIOT	r,	

For Meteorological Reporter to the Govt. of India.

MATEOROLOGICAL OPPICE, INDIA, The 4th August 1884.

MEMORANDA.

The following summary is deduced from the annexed table exhibiting the vital statistics of the first class Municipalities in Bengal for the week ending 19th July 1884:—

(1) That the birth-rate in these Municipalities stood at 18.2 per 1,000 of population, against the same rate in the preceding week ending 12th July, and the death-rate at 28.3 per 1,000, as opposed to 26.6 per 1,000.

(2) That the following towns furnished the highest proportions of deaths:—

				Little	he.			
				Ratio per nulle.				Ratio pa
Burdwan	401	***		39.7	Purneah	+ + +	4 * 6	311
Poins	4.00		0.00	89+0	Chittagong	110		30.6
Gyn	***			389	Monghyr	* * *		28.9
Ranaghat	161	* 4 +	+ + 4	36:0	Kishunghur			58.1
Suburbs of	Calcutta		101	85:8	Bhagulpore		+ + 1	28.1

(3) That the mortality from the several death-causes exhibited in the table above referred to was as follows, in comparison with that in the preceding week :-

				Benefitt		DE WOOM CRUINS-
				1941	July 1884,	12th July 1884,
Cholera	***	a dr se	***	***	2.5	1.8
Small-pox		3 0.00	4 4 8		-7	9
Fever	199	+4:2		8.4 %	12.0	12:0
Bowel-complaints	0 + 1		***	4.0.0	4:1	4-2
Injury	4 + +	9.00	* * *	144	1.1	*9
Other causes	- + -	**	***	***	7-9	6.8

The noticeable points disclosed by the above figures are that, while the mortality from fever indicates no variation, the death-rates from cholera and the diseases returned under the head of "other causes" were sensibly higher.

(4) That of the death-causes above indicated, cholera, fever, injury, and "other causes" proved complements of the undermentioned Municipalities:—

Cholo	ri*a.	Fever.	Injury.	Other causes.
	latio per millo.	Ratio per núlie.	Ratio per mills.	diatio per mille.
Patna Gya Suburbs of Calcutta	8-1 Hanagh Jessore 2-9 Burdwa Purnes	24 5 in 24 4	Burdwan 6:1 Mozufferpore 4:8 Bhagulpore 3:6	Suburbs of Calcutta 128 Poori 128 Dacea 104 Patna 104

(5) That the mortality referable to Sex, Class and Aye is exhibited below:-

According to	Sex.		Accordi	ng to (Class		4	<i>1ccordi</i>	ng to	Ag	e.
Males Females Ratio of male des to every 100 fen deaths	per i 2 2 iths sale	itle mille. 18:3 8:4	Christians Hindus Mahomedans			Ratio or milto. 13:0 80:0 25:2	1 and 5 10 15 20 80 40 50	1 year under 8 10 15 20 80 60 60	60 67 62 89 89	470	Hatio per mille. 260-7 51-7 16-7 15-4 17-2 14-5 19-6 20-1 22-9 54-3

R. Lidderdale, M.D., Deputy Surgeon-General,

THE AAR Amount TREA

			DISTRICTS. ALMER OF MUNICIPALITY		Burdens	Ridmepur	Bughit and Chinmanh	g. Berampfire	". I Uterpera	Rowrah	Subarhe of Calentin	:	Battaghal	(Sentipore	Johnston Johnston	Eampore Benulech		Mersinda	:	Complish	Paten City		A TABLE	_	Chenge		Manufacture	Perman	Paper		_
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	MORTALITY	4	1,000 1.	Foreta,	9 91	8.01	6.7	6.11	-	6.0	7 77	4.16	350	25	5.85			98 02	. 1.16	11.6	2.51	10.0	2.5	71 62 62	71.0	5,11	11.1	17.7	91 (d) (d)		Ī
,				.ntaniqmos-lawnfl	3.0	0.0	0.9	3	:	10	95	:	:	-	-	- 01 - 01	1	99	64		91	10	?1	g.	D. I	2	10 10	71	9.2		1
	ACCORDING		POPULATION M.	· · · · · · ·	- 9	- 19	6 1.1	177	(Jh	1.0	14	6.1				;	:	-	-	- 1	55	0.2		6.4	100		3.6	ęs.	** 50	-	
			24 P.R.	(Minor discuses,	6.1 39.7	19.48	9.4 21.5	5.99	.6 9.6	9.17 8.6	12.4 35.9	8.62 2.8	36.0	01 2.1	100				• 8		10.4 \$8	6.5	7.5	172 23	11	8.9	1.9	δa - 63	00	95 91	-
_	10-		Jo 000, 1 1	act antaob to ottast a requisition per a					9.6					10.5	47	97	20.1	E-04	8.08	9.11	28.0	E-82	1 05	23.3		50.5	651	5.50	1.119	-	40.4
			- 19	the present per	\$.06	0.22	\$1.2	17 64 84	2.62	38.76	31.4	34.0	0.71	Pr (6)	91	26	20.2	90 3	30.5	Cli-	0.17	0.19	9.01	17.0	12.3	77	25 05 05	1, 10 00	0.5	W- 02	8.27.0
7.0			DRATER	, and in \$7.	- 12	p	60	an		ā	100	atr	103	05	91	02	-	16	o di	100	19	10	P0	zí	01	21	17	14	61	Pai	100
-				Pormulas.	- 50	1 <u>D</u>	96	9	0-0	-	90 90 80	87	63		61 51	77	n	22	9 10		#2 10.	71	2	oral prior	(E) pm	\$	ed pro	13		47	100
9 -			RATIO PER 1.000 OF POPULATION PREANTIVE	Nalos.	57.6	9.12	11.7	30.7 161	:	25 0 10	133.4	\$1.00 \$1.00	35.3	11.1	51.5			4.6		1.61	27 90	38.11 6		12.a		0.47		N . 19.44	101	· 公司	28.3
-		Bet.	H 891		- 91	2	62	per	\$1.1 No.	16.3		F-8-1	99	6.0	98	12.2	90	73 1	- 9	S.	33 %	0.49		7	D. 67	E 22	7 16	E112	***	9.41	1 9.56
- 1		-1	of address	b class in catall	2	3	100	200	male d	910	90	4	Chap	100	200	-	4		140	(egi)	186					_					

TRICTS.	Bardwan	: : Christians.	Deaths amond											KORT	MORTALITY	ACCORDIN	RDING	-0I										
TRECTS.	PALITIES.		Dear			,											1											
TRECTS.	PALITIKA. PALITIKA. OF		Diar			Class	4	1												Age.							-	
Ban	thr and Chinagraph ore			OKT S	1	iat .	SATIO P	RAYIC PER 1,000 TION PER A	OR	POPULA-				DRA	ATHA						R	Ratio PH	40 000'L MAY	POPULATION	T10N PR	18	4	
	Chinsurah	1 1	Bindan	Anabomodald	.naidbinfi	.eesaalo toristi	Uhristman	Mindun	ВинПынка.	() () (present	Under & year.	and under Sycars.	Santa and control	years, years, years,	og sopun pus or	10 raden bas of	od yahnu hua os yasira.	by and under 40 years.	WHERE .	Under I year.	Anny & Taban hua!	Tank pur 0	of rolling bing 51	or and under 30	So and under 60	, evary, 60 and under 60	On ambitu base on	do press and up-
11 1	Chinaurah	:	16	10	î	:	56	25.1 50		ŧ	u2	84	-	-	10	93	-	60	-	0.000	1.99	55	2007	60 60 80 80 80	9° 91	P. 52	6.11	E. 501 9.00
1 1	Chinaurah		60	119	9	7 -	-	15.0 21	÷	1	:	01	1	:	800	,	-	φ	#1	1	2.46	:		-	01.9	9.6	14.0	8.00
-	Calenda		36	09	;	-	- :	52.0 12.	91	3	6				99	8	-	-		2.000	19-9	-	:	17.5	9.61	:	1.01	- 2
2	Calentin		44	;	;	:	1	(v - 40 a)	:	7	31	D1	69		00	-	0-1	1	-	40.8	9.48	9.19	11		19.3	10.3	9 08	:
	 Calentha	**	-	1	;	1	-	90 G	1	Ī	:	-	1	;	;	Ė	:	:	1	## E	0.580	****	:	***	:	1	1	1
Mounth Howmb		:	33	galad gard	;	7 4	1	100	190	:	50			49	01	ю	013	;		0.9%	-	**	1.03	0.0	9.00	9.11	11.4	:
moshe		:	90	71	1	3	9.92	d.09	÷	1	67	13	et.		R	S 20	1	*0 err	2% 54	9 0.282	8.19	G. 13	37.4		18 St. 31	30.3	18.8	0.00
Kishnaghur	Thur	:	Z-o	60	*	1	:	19.2	-	1	÷	84	63	60	99		-	T	41		2.59	92.9	85.2	9.00	8.01	40.0	6.11	1.0
Foddes Ranactest	:	***	•	:	:	1	:	42.7	1	:	:	1			010		61	;		1		:	:	9.23	0.00	11.1	9.80	3
Santipore	TO O.D.	:	10	010	i	101	1	13.6	5.9	1	9.9	1		-	:	-	et	* * * * * * * * * * * * * * * * * * * *	-	123.1	1	:	6-41	:	*	12.0	- P.	1
Justice Jestore	000 000 000 000 000 000 000 000 000 00	:	:	*	402	7 6	E	100		:	:	2	:	60	i N	1	1	-	-			-	1 9.95	1.9	4400		-	:
Rampor Rampor	Rampure Beauteah	-	, 10	del	i	Ī	:	21.0 10.	19	*	p-0	* + *	-	:	-	:	-			124.1		\$5.0	-	513	1G 20 1		6.13	9
Darfilling Darfilling	•	2	*	:	:	2	:	# 22	-	;	99	-	î	2		:	:	-	_	639 3	:	-	11371	1	11.69	-		•
	****	1	=	(ID) (M)	:	:	;	19.1 23.		i	80	89	-	-		173	110	1	94 Da	2.612	91	74 10	10.10	and and	10.3	4.55	18.6	
Karalogani	the ten	1	93	~	:	:	;	16'1 8'	7	3	~	÷	-	1	:	-	-	:	-	1.5HE		4	***	1	7	28.3	82.12	-
Chittagons Chittagong	<u>jung</u>	# b 0	4	de.	9 .	į	10	35'B 30'		:	-	1/2	-	0-0	-	-	94	-	94	1.76	79.3	N.02	1.03	21.2	21.5	12.0	1.90	1
Tippersh Comillah	:	î	-	(F)	ŧ	į		8.1	1	:	a4	:	-	:	;	1	:	gad.	ptot :	751	20:	6.12	***	-	:		-	52
Patna Patna City	Mr	1	201	2-0 2-0	*	:	î	13 0.59	9.	:	91	E	140	100	9	9 7	22	94	62	9.6%	9.16	2.92	0.93	9.61	9.91	4.10	0.00	9.5
Gya 638	440 440 440	i	3	16	i	1	· · · · · · · · · · · · · · · · · · ·	.89. 9.96	10	:	80	970	91	:	1	-40	80	#	8	6559	9.901	16.9	4 ***	0.0	16	18.3	9.89	916
Shahatad Armh	***	:	10	69	i	P 4	1	25.5	100	-	1/3	40	-	1		:		:	69	8,105	p3.s	10.1	-	•	9.0	:		1
Mozufferpore Mozafferpore	rpore	****	92	99	:	-	ði i	27.7 12.	17	:	*	4	69	_		Pr	:	-	1	-	9.19	F 400	13.7	24.3	1.0	94 95 10	:	0.01
Durbhangs Durbhangs	400	1	*	40	1	2	86	25-6 11	I I	·	-	+	01	:	UT 01	94	02	proj. 1	*	2.190	27.73	60 10	1 1	80 S	100 100	17	0.13	0.11
Barren Chupra	:	100	16	10	:	1	36	10.8	90	i	99	g~	04	-	-	-	-	1	10	0.601	83.2	20	10.1	:	10	6.9	7	:
Shegalpere Shegulpare		i	81	Œ.	4 2 2	*	1	80.1 34	91	100	20	800	46	10	-	•	-		04	120.1	27.5	6.98	\$? B	10 to	ED .	9.22	1.4	6.89
Monghy Monghyr	1 1	1	*	Po	1	1	1	10.1	0		4	1-	F9	:	10	P)	***	99	and and	1.00	88.8	1 53	27.28	*	25.1	17.0	2	T E
Personal Personal	***	P04 104	*	LE)	i	*	31	1.23	; Pr	1	1	94	***	:	:	98	194	ī		-	1.99	2 0	65.23	-	-	9.55	1.8	
Posti Posti	11 12	***	2	1	i	1		9.13	4 4	1 d	91	_			•	ŧ	01	9	-	372.3	9.09	1 1				4 * * * * * * * * * * * * * * * * * * *	0.18	2.00
	Turas .	*	722	130	:	1	1370 30	0.0	i	1	386	100	3	58	78	8	8	91	46	200.7	1.19	16.7	10.0	17.8	1976	19'6	1.08	5

OFFICE OF SANTTANT COMMISSIONER FOR BRHGAL, TA

B. LIDDERDALB, M.D., Deputy Surgeon-General, Senidary Commissions r. Rengal.



PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

Statements showing the total amount of Traffic and Tolls on the Canals classed as Productive Public Works for the month of June 1884.

ORISSA CIRCLE.

Taldundah Canal.

LENGTH OF CANAL OPEN-274 MILES.

				-				
100		APPEO	RIMATE	TOXNAGE C	BOATS.	Ton-		linte of
Number bosts.	Nature of Cargo.	Weight of cargo.	Value of cargo.	Maunds.	Tons.	muleege.	Tollage.	toll per ton-mile.

LOCAL TRAFFIC.

(1)—PRIVATE.

	ARTICLES OF FOOD,		Mda,	Ro.				Ro.	Δ.	à	A. F.
l l	Paddy	494	210	200	306	11	121	8	0	Ð	414 ***
	BUILDING MAINRIALS.										
6	Ghooting lime		707	200	1,620		363	7	8	D	
	Fugs.										
1	Charconi	}	161	20	231	.61	BA	1	2	0	****
	MINCRLLANGOUS.			1	1	1				-	
8	Pastenger boat	:	*** .		5,349 6,082	120 %15	\$16 i 646 i	10	8	6	
0	Total	141	1,097	420	11,438	de the	1,346	48	2	0	ti fl
6	Total of same month last year	101	1,054	6,007	31,166	8.7	4,1:3	134	7	6	P 6

(1)-STORES AND MATERIALS FOR IRRIGATION WORKS.

			Mdn.	Ra.		}		Rs. A. P.	
NII	\$27 vd. v \$44 584			******	-+=747		**-		10
***	Total	81.			*1-***				
3	Total of same month last year	-4-	230	100	K*0	2.1	13 t		0 45

CE		-	Máu.	Ba,				Ra.	A.	P	
40	Private, including miscellaneous Government stores, including ditto	*** }	1,097	420	11,438	60%	1,366	42	. 7	G.	
40	Grand Total		1,097	420	11,495	604	1,546	42	7	(). I	
46	Grand Total of same month last year		2,286	0,007	24,038	BSH	4,216	13G	10	3 1	

	Мимо.							Re.	ă.	₽.
Unrepresed balance on the 1st of the mo	oth	409	10-		199	4.15	01			
Amount of tollare for the month	000	+64		199		and	**1	42	7	q
									_	-
					T	otaf	***	41	7	0
Amount credited in the accounts for the	month	004	440	41-	* 0 *		+40	7	13	(t)
								-	L. PROP	
Salescoe at the end of the mouth	100	199	900	000	-	-	**	34	19	0
									-	-

1872 SUPPLEMENT TO THE CALCUTTA GAZEITE, AUGUST 6, 1884.

Kendrapara Vanul and its Branch to Gundakia on the Gobri River.

LENGTH OF CANAL OPEN -69 MILES.

LOCAL TRAFFIC.

(1)-PRIVATE.

0			APPROX	EMATE	Tosmanno	F BOATS.	Ton-		Rate o
Atmber bosts.	Nature of Cargo.		Weight of	Value of cargo,	Maunda.	Tona.	mileuxo.	Tolinge.	toll per
	ARTICLES OF FOOD,		Mds.	Rn.				Ba. A. P.	A. P.
72	Paddy	***	804 80,500	9,500	13,951 60,00H	1,443	71,400	153 9 E 716 2 B	*****
gH.	Turmerie	***	[114]	31 C	283	30	320	4 7 5	*62440
7 8	remain to the terminal	481	7 in 1,500	7,800	1.447 8,235	115	1,607 8,650	18 6 4 8n 12 10	100100
1	Corander	**	1,200	8,5.0	543 M. 0.14	80	1:0	1 3 2	111.00
11	Pry management	417	80	100	b 1	8	3,311	0 8 0	161.44
1	Balt tish		11.5	3/5/r Too	108	4 9	160	1 B 0 0 8 0	
ź	Betel leaves		20	50	100	3	34	0.7.4	
	STAPLES OF MASUFACTURE.								
ß	Cotton twist and yarn (European)	417		10,000	2,629	116	3,914	41 7 0	*1110
1	Mustard seed	991	800 250	8,000	9,55n 544	20	4,5 01 880	45 B 0	
1	Til sond		150	400	176	6	192	1 18 0	114146
	BUILDING MATERIALS.								
424	Unwrought timber and piles (38 in No	.)	44844	150	10001	141 24	*** **	3 4 6	444640
3	Hescara and Durgalas	111	300	589	491	16	1/72 60	7 ti 6	101.41
	Ballynos (1,100 in No.)	***	1	10	111111		14000-	0 4 3	*****
	Punt.								
4	Perswood	***	1,000	100	3,351	120	1,890	47 10 0	*****
	CODEING UTRESILS AND OTHER DOM	RETIC					1		
1	IMPLEMENTS.		1			4			1
30	Raythware and earthen pots	***	40n	20	663	24	351	n n o	
1	Tal umbrollas		300	10	10:	- 4	20	0 10 0	****
	MINCRILLANGUES.								
37	Passenger b sats (1,641 pausengers in N		40000	1.0.0.01	12,922	461	28,5(%)	260 14 8	-47444
99	Miscellaneous goods, &c	111	4,690	11,600	9,\$15	9013 337	2,402	149 6 2 171 B 7	
1	Cilcako	141	400 l	400	474 2,001	71	21	9 15 0 9 12 0	111100
1	Trensure		30	2,00,000 200	274	10	(5 kO	6 2 6	141.00
1	Gunny Total		33.710	3,17,469			7.5	0 11 0	1
463		B61			1,51,519	4,410	1,85,717	1,717 8 4	0 2
325	Total of same month last year	0 = 5	41,130	4.9%,120	Du8,10,1	3,619	1,50,825	3,074 7 6	, 0 3
	(c)—STOR	S AD	ED MATERI.	ALS FOR	BRIGATIO	N WORE	IK,		
	BUILDING MATERIALS.		Mds.	Re.	Ra,			Rs. A. P.	A. 1
34	Building stones	69-	10,000	90.1	\$6,468	673	28,224	273 8 6	
11	Timber (4 in No.)	441	3,000	\$100 20	0,040	216	2,591	0 6 0	
111	Firms.		1		100	144711	140752	4 6 4	
			100						
1	Charcoal		100	20	279	10	180	1 0 0	1
	MISCELLATEOUS.								
41	Empty bonts	4 = 1	20	200	7,911	282	15,806	61 8 6 0 4 10	
2	Stores, &c	111	460	2,100	888	31	1,846	0 4 10 15 8 0	*11441
90	Total		13,520	3,910	84,018	1,214	49,158	448 14 6	0 1
31	Total of same mouth last year	211	\$,760	710	6,947	847	11,704	163 8 2	0 8
91			1				-		
			AHN	TRACT.					
			Mda.	Ra.	1			Ro. A. P.	
465	Private, including miscellaneous			8,17,450	1,25,510	4,410	1,65,717	1,717 6 4	
80	Government stores, including ditto	1.		8,060	34,014	1,414	48,108	95% To 4	80000
\$53	Grand Total	ile for	47,260	8,20,400	1,57,534	5,026	2,10,875	2,164 3 8	
907	Deduct amount erron-onsly charg head byo-keeper during April 18 Mesers, 1, Bullock & Co.	66 Ot	111111	10-00-	12111	*****	*****	16 0 0	
	Mesers, J. Bullock & Co.							2,150 3 8	
346	Grand Total of same mouth last y	08F	43,910	4,98,570	1,00,253	8,466	1,02,532	8,857 10 8	- Queen
				Materia.				Da A	7
	Unrecovered balance on the	let of	the month	***	**1	0.		Re. A. F.	
	Amount of tollage for the in	onth		64.4	984	44.4		150 G H	
	Amount credited in the secon	unte	or the mouth			Total		405 lu 7 439 6 7	
					001	94.0			
	Balance at the	(111)	er rue month	100	1.84	9.41	В,	447 4 O	

[&]quot;Of this Es, 183-3 is the collection of Gohri Camal Locks; Rs. 406-6-8 is the collection of Kendrapara Enturion Locks, and Rs. 1,675-12 is the collection of Kondrapara Camal Locks.

High Level Canal, Range I.

LENGTH OF CANAL OPEN-34 MILES.

LOCAL TRAFFIC.

(1)-PRIVATE.

3		APPROX	ITAKI	TORRAGE OF	BOATS.			Rate al
boata,	Nature of Cargo.	Weight of carren.	Value of cargo.	Maunds.	Tons.	Tou- milmage.	Tollage.	toll per ton-pull
		Mdn.	lta.			1	Ha. A. P.	A. P
	ARTICLES OF POOP.					4		
1 34 6	Paddy	2,560 610	10,100 1,000	4,017 830	165 30	84 6,540 660	0 5 0 84 11 U 8 8 6	17404# 1941 104-40
	STABLES OF MARDPACTURE.							
2	Cotton	500	2,000	459	16	529	3 3 0	199129
	BUILDING MATERIALS.							
8	Unwrought timber and piles (50 in number)		200	71.53 1.13	3	70	18 I D	100169
	MISCHLLANSOUS.		1					
81 1	Passenger boat	2(M)	50 1,000	307 4 1162 2117 253	11 143 17 7	2014 3,276 54 231	9 . 2 . 9 17 . 5 . 6 0 14 . 0 2 . 5 . 0	******
88	Total	3,570	14,500	10,700	#SU	10,795	103 11 3	U [10
15 .	Total of same month last year	6,560	\$5,060 1	15,011	56114	131,910	287 11 3	0.5:0

(2)-STORES AND MATERIALS FOR TREIGATION WORKS.

	Marcrela hour.		Mds.	Ru.				Rs. 4. P.	A. P.
10	Empty boats	***	******	88+)	1,518	54	1,782	9 8 0	4+4+-+
15	Total			141743	1,51к ,	54	1,792	(+ 6 U	0.1%
1	Total of same month last year				1 (15	5	170	1 11 11	0.1%

1	A		Mds.	Ra.			1	Ha	A. 1	Р.	
83 15	Private, including miscellaneous Government stores, including ditta		3,570	16,800	10,790	386 54	10.725 1,786		11		*****
97	Grant Total		8,570	16,860	12,309	430	12,507	118	1	11	011-11
114	Grand Total of same month last year	166 .	0,360	25,000	16,057	574	15,043	239	4	3	454.00

000	***	atra								
			20.0	7.94	000	600	100	8.6	19	3
605	***	2-0-0	1-0-0	pr-4	***	***	***	113	1	B
						Total	010	157	10	6
004	460	*48	000	009	dox	0-0-0		38	2	6
							-			_
	h			h	080 100 000 000 000 Th	end (60 vv 000 ook 000	Total	Total	Total 157	Total 187 10

1374 SUPPLEMENT TO THE CALCUTTA GAZETTE, AUGUST 6, 1884

High Level Canal, Range II.

LENGTH OF CANAL OPEN-124 MILES.

o		ATPROX	HEATH	Tonnaon	BOATS.			Rate of
Number hosts.	Nature of Carge.	Wombt of cargo.	Value of cargo.	Maunds,	Tons.	Ton- milange.	Tellage.	toll per tou-mile,

LOCAL TRAFFIC.

(1)-PRIVATE.

			Mds.	Ro.	-			Re.	٨.	P.	A. P.
	ARTICLES OF POOD.										
1	Rice Pulses and other crops	241	2,200 50 200	6,860 2(4) 500	4,393 3/5 5/24	167 6 18	2,041 32 91	27 1 2	0	6 0	*****
	STAPLES OF MANUPACTURE.			1						i	
1	Castor seed	434	80	280	149	3	80		18	0	111147
	BUILDING MATERIALS.			1	-						
	Unwrought timber and piles (860 number)	in		3,500	# + 6 + 10 0 4 + 4 + 4	4 m2 mby	******	53	7	0	\$80. I
	MISCELLARROUS.			1	1	1					
1	Passemer boat	911	Pydopa	41111	3,380	121	1,265		B	0 0	*1010
2	Total	411	2,500	¥,010	8,503	306	. 3,711	73	8	D	0 5
b	Total of same month last year		600	3,400	2,537	91	1,116	65	1.8	6	0.10

(E)-STORES AND MATERIALS FOR IRRIGATION WORKS.

					Malu.	Re.				Ro. a	L. P.	A. P.
	Britis	ING MATER	IABO.		-				1			
3	Building stones	966 115	441 111	441	1,500	20	2,220	79	79-	38 26	0 8	000 140
		Punt.										
0	Charcon) Firewood	916. pd 6	ner	***	\$110 \$110	50 60	315 1,868	11 86	152	7 16 9 21	0	******
	Min	CRELANKOT	ı.						1			
Б	Empty boats Small doughb (1	in namber)	101	***	- 161 Par	060 pm Anggya	1,748	65	140	B 7	6	20-444
34			Total		2,100	120	0,859	2110	1,048	81 6	6	0.6
74	Total of	mme mouth	last year	2	30,000	220	27,710	19110	12,336	295 11	6	D B

42 14	Private, including miscellaneous Government mores, meluding ditto	***	2,500 2,100	9	000 120	8,503 5,509	805 209	3,711 1,048	73 \$1	6	0	110000
76	Grand Total		6,600	U	180	16,483	518	6,756	194	10	6	******
89	Grand Total of same mouth last year	(*)	11,300	3,	010	30,347	1,000	16,671	380	8	0-	*****
			Mane	h					Ba. A.	P.		
	Jarosovered balance on the let o	the p	sonth.		grie		030 01			6		
	Amount of tollage for the mouth	***	2 90	111 011	444	414 949	with 14		104 10			
										-		
							Tota	ł	22a 8	8		
	Amount credited in the accounts	for the	month,	man trop	149	000 +40	00		MIT 8	3		
				ero.d						-		
	Halance at the er	ed of th	o month			ees 400	C20 AM	411	117 13	-		

High Level Canal, Range III.

LENGTH OF CANAL OPEN-20 MILES.

-		-						
		APPRO	RIMATE	TORRAGE	OF BOATS.	Ton-		Rate of
Pemb	Nature of Cargo.	Weight of	Value of cargo.	Maunds.	Tons.	milenge.	Tollage.	tell per ion mile.

LOCAL TRAFFIC.

(1)~PRIVATE.

	ARTICLES OF POOD.		Mds.	Ra.				Ba.	Δ.	P.	Δ.
54	Rice	04+	2,500	7,500	4,403	157	1,570	27	Ø	0	
1	Pulses and other crops	***	50	200	193	7	126	1	8	6	
i	MINCHLIANHOUS.		j		Ì	j				1	
13	Empty bosts		117007	0107111	1,393	80	\$00	4	đ	Đ	****
12	Total		2,530	7,700	\$,987	214	2,196	38	0	8	0
7	Total of same month last year		200	400	1,168	42	790	11	n	6	0

(2)-STORES AND MATERIALS FOR IRRIGATION WORKS.

			M du.	Ra.				Ra. A. P.	ā. F.
9.89	Nil 115 115 100 117 117 115	44+	*****	******	*****	441.684	*****		*****
	Total		******	*****	144149	¢++	******		131431
2	Total of same month last year		800	10	926	13	594	11 6 0	0.3%

Grand Probled name mornib last year 700 510 9,004 75 1,314 9615 6	67	Comment stance controlled ditte	***	M ds.	R.o. 7,700	5,987	214	2,198	Bs. 4. P.	A. P
9 Grand Total of Same mouth fast year 700 519 2,606 75 1,316 22 15 6	47	Grand Total	**-	2,830	7,700	8,987	214	2,106	33 O 9	
		Grand Total of same mouth last year		700	510	2,006	75	1,316	28 15 6	******

Manco	D.				En a	2 P.	
Unrecovered between on the lat of the month		9.04	400	40.	86 31	0 6	
Amount of tollage for the month	-	-	ele	***	33 () y	
			Total		119 10	9	
Amount stedies in the accounts for the month	Obn	891	441	-	86 16	0	
					-	-	
Batance at the end of th	demonstr		400	em	68 0	1 19	

SOUTH-WESTERN CIRCLE.

Midnarore Canal.

LENGTH OF CANAL OPEN-58 MILES. LOCAL TRAFFIC.

(1)-PRIVATE.

		APPROX	HTARE	TOFFAGE O	F BOATS.			Rate of
'heanen'	Nature of carro.	Weight of curgo.	Value of cargo.	Maunda,	Tons.	Ton- mileage	Tollage.	tall per ton-mile.
	ANTICLES OF FOOD.	Mds.	Ra.				Ba. a. P.	A. F.
70	Paddy	\$1,000	33,039	20,020 1,89,250	******	*****	1,032 1 0 9,396 6 p	1494+1
02	Wire	81,400 909	1919	(63)41	*** - *	141111	5 9 9	120200
27	firmers and and and and	25,525 11,410	60,781 17,045	87,105 28,735	11.484		196 3 0	*****
12	Fruits and vegetables	0,845	30,965	21,530	47747		127 18 D	110100
91	Stall	70,040 237	1,06,965	1,48,590	******	*****	1,548 4 5	100104
7	Sult	300	B011	\$00 20	*****	4 1 1 1 1 2	7 0 0	******
1 5	Betriving	203	2,800	925	******	******	7 2 0	*****
50	Rotel lenves	757	4,648	6,285 900		445 -	85 15 d	- 1 + +
30	Commuta (3,500 in number)	3,610	7,620	10,500	111.49	P=15.18	10 6 b	100.00
3	Cural Content	110	103	235	1000		2 0 9	had 1+0
	STIMULANDA			1				
34	Tabacco	4,985	25,710	12,000	111110		135 14 0	191110
307	4)					.,,,,,		
	Chornino,							
9	Cotton piece-goods (Indian)	270 D(9)	97,000 60,000	1,295 1,430	*****	*****	10 B B 0 12 t	100100
5	Ditto ditto (European)	(2011)	Contractor of the Contractor o	41000	*****	*****	~ 64 (*****
	STATLES OF MANUPACTURE.							
43	Bress an or or	0,525 3,170	95,1±0	\$1,\$40 0,775			182 12 0 59 6 6	444.44
11	Copper	Ps.749	5,700	1,776	111 44		17 15 0	*** ***
3	Stilk in an in the second	1,195	16,000 24,880	2,705	441411	*****	2 0 0 39 0 3	*****
7 :	Cotton 110, twist and yaru (Europeau) 11ides (13,320 in number)	7,520	3,37,100	17,776	******	(0010)	103 8 0	10000
18	[lides (15,320 in number)	2,300	22,370 1,380	5,2(d) 1,4(n)	191431	Terral.	71 10 9 14 6 u	224 100
4	Indige-weeds	6h1 1()	1,000	\$541	14.400	1	13 8 0	-94-00 -94-00
7	Lipsell	1,025	2,350	4,725			07 14 0 12 4 0	# \$1 to \$100 t
15	Mustard seed	8,943	13,600	7.355			02 A U	11114
1	Til stud	940	3,307	8,955			13 7 6	******
	Building Matrilate.							
1	famestano	(154)	79	1,100	14.181	****	22 14 0	000 100
В	Ghooting ime	Lini E.ii	80n 2±5	1,315	141 11		15 12 0	48++40
56	Ghooting	\$16,3030	1,637	26,023	141.44	12114	160 11 0	******
66	I number timber and piles (2,740 th	5,213	5,995	7,570	(10)166	}	140 12 0	
3	Hamboos (200 in number)	10	3%	382	******	494+44	2 1 0	
	Live-Stock	i				1		
	Bulleck, oxen and cow (9 in number)		125	410	******		8 14 6	
[P			200	1				
	FUEL.							
25		10,830 7,540	2,723	20,675	*****		140 6 0 230 6 0	*84 800
11	Pirawood	2,375	\$,550 \$80	7,445	245 cm	41111	171 6 3	******
	COOKING PERSONS AND PERSON DOMESTIC							
	IMPLEMENTS							
25	Earthenware and pots	2,746	[6()/6]	6,860	P99646	*****	41 5 6	******
U	Sione plates	1,325	3,0%5	2,925	0.14.464	000444	53 4 0	214400
	MISCREL ARROUS.							
Len.	Passenger bosts	1		61,670	101111	*****	472 15 6	4600.01
17	Canala: An	, N,010	3,947	1,85,765	194444	945 0	1,15u 8 6	411111
52	1111-CAKC	12,860	13,180	37,305	04 500	*****	178 10 3	*****
9	Purniture	275	1,745	1,305	0.1114	*****	#1 19 D	*****
60	Mate Maccellancous	7,430	6,007	21,085	*****	******	17H 12 P	500-05 941480
18	Other oils	3,003	14,025	7,175	,,,,,,,	*****	78 13 0 8 11 6	*****
1	Baji Bones	150	400 400	875	******	******	17 4 0	90-110
1	Stamp paper	30	B,000	105	-> + ## 4	*****	9 11 3 1 1 6	020.00
1	Demarrage	30	00	195	*****	*** ** > 4 5 4 y **	26 10 0	******
		5.50,978	10,13,246	10,12,005	30,143	6,61,940	10,301 10 (6)	
725		j=						-
190	Total of same month hat year	4,22,085	19,69,740	10,42,607	37,238	0,717,930	11,293 15 8	0.3%

* This includes tells on the Narsinghar channel, amounting to Es. 230-21-3.

Мимо.					-	Ha.	4.	z.
Unrecovered balance on the 1st of the month Amount of tollage for the month	943		0.00	100	***	1,306		
Amount oredited to the accounts for the month	100		To	tal	erit	15,008 10,15%		8
lightness at the end of the month	***	+04	191	*4*	-94	1,836	1	B

Hidyellee Tidal Canal.

LENGTH OF CANAL OPEN-29 MILES.

		APPROX	MATE	TONNAGE	P HOATS			10
Natura at Cargo.	Weight of	Value of cargo.	Manuals.	Tarra	Ton- milenze Tota	Tolinge.	tonte of tone tone	

LOCAL TRAFFIC.

O-PRIVATE.

	•							
	ARTICLES OF FOOD.		Mile.	Ra,		1	1	Rs. A. P A. 1.
901	Paddy as at an ar		86.420	550390	1.35.00a	1		
173			44,345	70,810	50,120	1 1000	11.41	781 11 0
2	Gram		4 (4)	205	175	4.		11 10 10
8-4		* 1	4 6 832	75,921	11,155) .	1	110 18 3
37			\$5.50°C	5,475	0.175		1	I by a a
to a	NAME OF THE PARTY AND THE PART	6 -	125	1,00 (Betti			4 2 0
71	4515	# A	16,720	41.71	38,350	11 4		315 I ti
210	OH	64	1,550	2,300	0,405		1	08 3 3 LLLL
	BTIMULANTS.					1		
185	Tobacca		13,090	60,844	40,760	1000		548 15 1
	CLOTHING.						İ	1
20	Cotton pices-goods (European)		2,178	64,375	7,515			00 13 D
	STAPLES OF MANUFACTURE.							•
2	Cotton, twist and yarn (European)		411	3.000	199			
- 8	Hitler		Her-	2,100	650		** **	1 5 0
14	Mustard cool		1,525	3,030	3,440	111414		2d to te
	BUILDING MATERIALS.				.,			
	i							
3	Brick		820	64	1.325	111	-,-17	13 16 8
1	Tites Renditor stores		\$48 \$458	20 71	27.			3 14 3
10	Albert Greek Leaves		1,130	101	2,475			1 12 D
8	Unwrought under and piles	**	10%	625	455			17 U 3 1
53	Bamboos	.,	1,000	551	2,700			4178 4 4 40
	PUEL				***			27 11 3
			(a B.000					
6	Conf and coke	**	2,700	573 180	4,250	****	0) v .	50 B 0 ·
0	Piriwood an an an	**	210	200	1,220			17 # 3
	COOKING UTENSITS AND OTHER DUMESTIC INPERMENTS.							
	Month owner would are all locations are but		100	250				
- 1	Earthware and earthen pots	** 1	100	200	350	717.11	*** 4.	2 6 6
	MISCELLANEOUS.							491114
85	Passonger bosts		*****	****	6,585	1.11	1424 -	60-12-3
40%	Empty do	***	41.0		Sm tines		1490	B 20 1 110 AZ
60	Straw	184	13,280	6,027	25,17,1	111111		hint of a l
3	Furniture	6.	711	- United	2091			3 1 10
- 16	A)nts		1,5991	\$ 1450 P	Hi, Same			26 7 13
24	Muscellaneous	4.0	1,110	1.550	C 1896	*****		2% II N 191711
1,890	Total		1,61,837	3,76,513	4,01,936	15,123	201,020	5,166 (0.8) 0.3/3
2,276	Total of same month last year	100	2,51,2mi	8,07,069	6, \$1,705	23,027	\$66,157	8,1% 2 0 0 83

(2)-STORES AND MATERIALS FOR IRRIGATION WORKS.

		Benton	to Ma	PERIAL	E-		Man.	Ma.				Ru A. P	. A 1
1	Bricks fand	111 11	44.4		114		340 150	3a 7	\$20 500			4 2 (1 1
,	Empty o		ILLANI	 (0£11'	***		*****		50			0	
1	Stores, 1	G		117	***		20	200	50 70			0 7 6	
4				1	l'otal	00-1	470	g(17 ·	b¥o	5.4	143 ,	7 12 (0 8
1	To	tal of sur	ne mon	th last	FURT	***			\$0	U b	6.1	0 14 0	0.3

1			Midu,	Ka.	1			Ra A	p	
1,500	Ceverane, including miscellaneous	***	1,61,847 470	5,70,518 207	4,31,855 170	10,423 86.	020,142 514	6,000 16 7 10		*****
3,564	Grand Total	440	1,62,817	5,76,750	4,82,824	15,457	E80,205	5,117 G	ri.	
2.276	Grand Total of same month last year	**	2,51,206	8,97,068	6,44 <12	200 1120	496,219	h,1%) 0	6	*****

SONE CIRCLE.

Eastern Main and Palna Canais.

LENGTE OF CANAL OPEN-861 MILES. LOCAL TRAFFIC.

n)-PRIVATE.

ō				APPROT	12d a 73i	TORRAGEO	F BOATS.	1			Rate of
Number bosts.	Nature of Cargo			Wetcht of	Value of carso,	Maunds.	Tons.	Ton- uitense.	Toling	(9.	toll per ton-mile
	ABTICLES OF FO	. מנס		Mda.	Ho.				Ra,	L P	A. 7.
1 2 2 5	Rice Pulses and other crops Bugan	2 200 201 400 200 400		300 300 4,010	120 440 10,080	220 710 6,600	254	4953 1,0111 17,1201	25 162	3 3	
	STIMULANTS.										
27	Tobacco	444 349		6,350	15,200	11,000	2071	23,310}	0.00	5 1	119111
	STATEME OF MANUEL	CTT HE.									
21 H	Cotton		***	950 p=0 F-300	4,560 6,160 84,500	500 1,804 11,720	#1 67% 61%	1.216 4.159 50,837}		() () () () () ()	******
	BUILDING MATERI	ALN.									
3	Kunkur			280	20	623	181	391	2	9 (1994
3 }	Bollahs (\$32 in number) Bambons (\$2,075 in number)	444 441	1	****	200		*****	*****17	33	4 1	11122
***	Name 1 213			50	16	130	41	97 L	1	0 2	- 14
	Prat.										
1	Pirewood (115 in number)	111 414	,	488-1-	20	104.2	1-1141	A20101	0	3 2	
	MISCHLLANEOUS.										
hg	Passenger bont (220 in number	or)		301 13		1,350	401	1.4535	15 1		
107	Empty do	***	+4+	44		15,477	4018	15,861	78		******
23	Mincellaneous	137 247	***	4, 1011	9,205	k, et?	#35c[3]	20,3837	200		
231		Total	***	25,302	78,660	L(Cont)	# il(lo)	117,5224	1,179	7 8	0 10
	Total of same month t	nut year	16.			.,.,,,	101111	*****			

13)-STORES AND MATERIALS FOR TREEGATION WORES.

	BUILDING MATERIALS.		Alds.	Ea.				Ra. a. F	A. P.
1	Govt. Bullah	8.57	80	60	157	5}	1172	1 3 (
1	Rancegunge pipes	107	125	210	126	48	96	103	
1	Yotal		205	830	250	10	2134	2.8 1	0 816
p-4	Total of same month inst year				111111	4		141104	

ABSTRACT.

			3103.	Ra.				Ha. A. P	
	Private, molnding miscellancous Government scores inclusing ditto		85,563 203	75.040 350	50,223 254	2,600j 10	2152	1,170 7 3 9	0+0+0m
233	Grand Total	***	P 25,5 (7)	78,379	B6,50%	2,010]	117,7861	1,181 11 0	
	Grand Total of same month last year	***	14400	*****	F44		PK 111	11718	*****

There were no receipts during June 1883, on account of closure of canala.

	REMO.					Ha.	A.	y,
Unrecovered balance on the lat of the month	PER	101	***	104	400	492	12	9
Amount of tollage for the mouth	pla	304	atio	00-	***	1,191	11	U
							_	_
				Total	0-214	1,674	7	Ъ
Amount credited in the accounts for the monal	h	640	601	-		D34	2	9
								-
Balence at the end of the mon	th	00+	800	-	+	740	a	

Western Main Canal.

LENGTH OF CANAL OPEN-22 MILES.

LOCAL TRAFFIC.

(1)-PRIVATE.

0			APPROX	IMATE	TORNAGE 0			Rate of	
Number boats.	Nature of cargo.	1	Weight of eargo.	Value of cargo.	Maunds.	Tons.	Ton- mileage	Tollage.	toll par ton-unit
,			Mdn.	ll».	1			Back P.	Ai Pa
NII	adh MAG SAS AS	4.						*****	****
	Total						******		
74	Total of same month last year		35,511	909,6160	818, 1200	1,666	16,0.0	313 2 0	H 516

(2)-STORES AND MATERIALS FOR IRRIGATION WORKS.

				1		1	1	1	
			3fds.	21.			1	Rs. A. A.	
Nil 10	paid (4) Mar. (44)	941	-				47	10001	.1.14)
	Total	2.01				0.0		40.0	***
	ame month last year	10-	%[25.0	40	1.170	51	0.40	4 h G	А

ABSTRACT.

	· -			-				_	
		1	Midn.	Ra.			1	Ra. A. P.	
***	Private, including missellaneous Government storm, including ditto			*** ;		****		***	
***	Grand Total	***	>++-1-		+1+ +-		*****		
78.	Grand Total of same month last year		36,114	59,670	44,0%	1,716	11,270	317 10 0	1000

Canal closed for silt elegratice, 2

3	teno.					Ballatin
Unrecovered balance on the let of the month		414	***		9.83	261
Amount of taliage for the month	444	***		9+1	$\dot{a} \approx b$	94
				Total		0
Amount credited in the accounts for the month		***		5.6.0	***	
Halance at the end of the month	-	*14	1.1		v 4.7	43

Arrah Canal.

LENGTH OF CANAL OPEN-65 MILES.

LOCAL TRAFFIC.

(1)—PRIVATE,

-		-							
			Mds,	Re.		i		RICA. P.	А. Р.
****	Nil at	011		W20101			mag.	411111	-4 = 6
	Total			*****	,44	******			
2711	Total of same month has year	* 4 *	68,146	1,50,000	96,063	3,626	181,045	1,459 7 6	0 17
_			1		,				

Arrah Canal-concluded.

		APPRO	ZIMATH	TORMAGE	DF ROATS.	Ton-		Rate of
1	Nature of Cargo.	Weight of dargo.	Value of eargo.	Maunda.	Tons.	tollengo.	Tolinge.	toll per log-mile
	tel STORES AN	D MATERI.	ALS FOR I	RRIGATION	WORK	١,		
		Mds.	Ra.				Es. A. P.	A. 2.
	Nd		*****		254.404		218.114	, hidopoli
	Total Total	2/4711		 6, (d2	g19	11, 120	50 4 6	0 6%
	***************************************		STRACT.			1		
į		Mdn.	Rs.				Ra. A. P.	
	Private, including miscollaneous Government stores, incuming ditto	424-4	*****	. # # d # d	961245 421-1-	*****	911A8A	*****
	Grand Total of same month last your	61,025	1,90,499	1,02,920	3,041	193,374	1,719 18	*****
		and cloked f	-	1				!
	linewice versel hantier on the let of		Mano.				in. A. T.	
	August of tollege for the month	 Ou moutte fi	resent)		Total	***	16 1 0	
	Amount credited in the accounts to		- thefiniti	***		1 191	7 8 6	
	THE MILE OF BOTH SEET			2.1.4	*	***	20 9 0	
	° The cau	OF CANA	ır Canal	-45 M1L1	ES.			
		Buxo of Cana LOCAL	er Canal	-45 M1L1	ES.			
		Buxo of Cana LOCAL	r Canal	-45 M1L1	ES.		Ва. А. У.	Ba. A.
		Buxe of Cana LOCAL	TRAFF	-45 M1L1	ES.		Re. A. F.	Ea. A.
	LENGTE Nil	Buxe of Cana LOCAL (1)-1	TRAFF	-45 Mit.		72,186	****	
	Lengte	Buxe of Cana LOCAL (1)-1 Mds.	TRAFF PRIVATE Bs. 1,15,791	-45 Mit.	1,700	72,185		
	Nil	Buxe of Cana LOCAL (1)-1 Mds.	TRAFF PRIVATE Bs. 1,15,791	-45 Mit.	1,700	72,185	****	
	Nil	Buxe OF CANA LOCAL (1)-1 Mds. 50,295 ND MATER: Mds.	TRAFF PRIVATE Bs. 1,15,791 ALS POR	-45 Mit.	1,700 N WORK	72,185	735 J6 3	0 19
	Nil	Buxe OF CANA LOCAL (1)-1 Mds. 50,295 ND MATER: Mds.	TRAFF PRIVATE Bs. 1,15,791 PALS FOR	-45 Mit.	1,700 N WORK	72,186 8.	753 lb 3	0 19 A. P.
	Nil	Buxe OF CANA LOCAL (1)-1 Mda. 56,295 ND MATER: Mds.	TRAFF PRIVATE Bs. 1,15,791 Rs.	47,678 IRRIGATIO	1,700 N WORK	72,186 K.	733 15 3	0 19
	Nil	Buxe OF CANA LOCAL (1)-1 Mda. 56,295 ND MATER: Mds.	TRAFF PRIVATE Ba. 1,10,791 Bals FOR Ba.	47,678 IRRIGATIO	1,700 N WORK	72,186 K.	733 15 3	0 19
	Nil	Buzzo OF CANA LOCAL (1)-1 Mds. 50,295 ND MATRIC Mds. AMS	TRAFF PRIVATE Ba. 1,15,791 ALS POR Rs.	47,678 IRRIGATIO	1,700 N WORK	72,186 K.	733 16 3	0 19
	Nil Total of same month last year (2)—NTORES AN Nil Total of same month last year Private, including inscellanceus Government stores, including ditto Grand Total	Buxe OF CANA LOCAL (1)-1 Mds. 50,295 ND MATRIX Mds. Alto	TRAFF PRIVATE Ba. 1,15,791 ALS POR Ra. Ka.	47,678 IRRIGATIO	1,700 N WORK	72,185	733 16 3	0 19
	Nil	Buzzo OF CANA LOCAL (1)-1 Mds. 56,295 ND MATRIX Mds. Mds.	TRAFF PRIVATE Rs. 1,15,791 Rs. STRACT. Rn.	47,678	1,700 N WORK	72,185	733 J6 J	0 19
	Nil Total of same month last year (2)—NTORES AN Nil Total of same counth last year Private, including insections one Government stores, including ditto Grand Total of same month last year	Buzzo OF CANA LOCAL (1)-1 Mds. 56,295 ND MATRIC Mds. AMS Mds.	TRAFF PRIVATE Ba 1,15,791 Ra. 115,791	47,676 HRRIGATIO	1,700 N WORK	72,185	733 16 3	0 19

ABSTRACT FOR THE MONTH OF JUNE 1884.

		TB	A P	FIC	, 1884-65.			T	RA:	FF1(2. 1883-84			
Cawal	Durit	ue t			To and			Puring corresponding	ndi		To end o	udi		Rosianus.
ORIGOA OIRCER.	Re	. 4	. 1	۶,	Ra.	۸.	P.	Rn.	A	r.	Rs.	A	P	
Kendenpara diga Laval, Range I	2,16	5 1	1	8 8 8	260 6,490 614 604 172	14	6 4 0 9	186 3,527 239 359 22	4 8		473 10,268 1,280 1,283 273	15 15 14	1 6 3	
Total Origin Circle	2,41	3 7	7	2	8,167	ß	7	4,250	0	2	10,889	-()	ß	
SOUTH-WESTERS CIRCLE.				i						_				l
ton	. 10,20 5,11			9 G	20,207 14,142	13	0	11,293 8,180		A Ei	30,670 21,360			
Total Bouth-Western Circle	. 15,31	p !	1 :	3	61,280	1	ñ	19,480	0	2	52,037	43	16	
Sour Cincle.												Ī		
Western Maits		-	1	0	6,296		6	817 1,718 783	12	1)	1,179 745 5,127 2,17	0 10 10		Western Main Series of remain remained closed during the month for silt clear
Total Sone Circle	. 1 18	111	1	0	6,304	14	6	2,770	ô	9	9,516	()	6	Ruce.
GRAND TOTAL	15,91	6 3	3 1	8	66,486	U	7	26,530	6	1	75,142	7	16	

GOVERNMENT TRANSPORT SERVICE.

			THAT	1816	. 18×4-F	55.					J.	RA P	Pi	C, 1863	5-45,			
	Du	ring th	io manth	4	Tot	ind of t	the mo	nth.		rin e 1 pondin				To n	धने वर्ष भूग	month pe co	rre-	
Ganas.	Passengers.	Goods,	Total receipts.		Passengora.	Goods,		100 CCC 1110.	Dasserigera.	Foods		Lotal receipts.		Passengera	Coods,	To lot	Lean preside.	
ORIBIA CIRCLE.	No.	Mdn.	Ro. A.	р.	No.	Mds.	Ru.	A.P.	No.	Mde,	Rs.	A. 1	μ.	No.	Mds.	Ra.	6.	P.
Taldunda and Kendrapara High Level	36k	30 90	290 C		1,771	9,703 3,372	4,094 1,408	1 1	1 514 1 19	1,924	1,162		B	#,13% the		4,470 854		7
Yosal Oriena Circle	350	120	3,3 8	()	2,822	13,165	6,402	0-1	GH	152	1,240	3	ťì	47 Sq 1212 201 Sq 1212	1,813	6,374	13	7
SOUTH-WHITERN CINCLE.													j					
Hidaspore	11,390	533	750 0	U	80,322	1,005	2,250	0 (11,42	410	1,000	.0	0	33,923	1,147	3,000	0	0
Total South-Western Circle	11,300	683	750 0	0	110,322	1,000	2,250	0 (11,425	615	1,000	O	()	31,953	1,247	8,000	0	0
SONE CINCLE.										i							_	
Bastern Main and Patra Western Main and Suzar Arrah	***	1,229	405 11	. 3	***	1,884	1,063 256	8 6	0 0 1,84 2,92	3,041 1,441	1,104	()	0		1.686 8.859 8.038	434 2,837 4,702		9
Total Sone Circle		1,249	4h5 11	3		1,854	1,310	12	1,72	4,881	3,036	U	0;	11,523	10,089	7.072	U	1
GRAFF TOTAL	11,770	2,183	1,469 4	0	42,166	16,924	9,078	5 1	10,760	0,440	5,825	3	6.	46,268	10,640	16,294	7	4

(a) Parcels. TOTAL NAVIGATION RECEIPTS.

					E	ARF	ITO(s, 1884-65	•		BARI	111	100	, 1883-84.			
					During			To enc			During the correspond month,	d 121	JE .	To end correspond	nd is		ROMARES.
					Re	. 4.	>.	Re.	Δ.	e.	Re.	Δ,	P.	Ha.	Δ.	P.	
Prime Canali Miduapore Canal , Hidgeliee Tidat Canal June Canali	004 004 000	00A 010 023	911 911 629 pot	001 002 444 907	10,95 5,11 1.55	1 10	0	14,512 28,617 14,981 7,616	13	6 6	8,578 12,363 8,186 6,868	15		18,013 83,d70 21,566 17,489	14	3	
•	GRAN	w 30	TAL	491	20,41	3 7	- 6	65,025	16	В	81,601	9	7	91,440	10	0	

G. F. E. S. NELL. Major, M.B.C., Under-Secy. to the Government of Bengas.

CALCUTTA,

The 5th August 1884.

Statement of Fluctuation of Goods Traffic on the Northern Bengal State Railway, for the month of June 1884.

Abstract of the principal commodities carried over the Line during the month of June 1884, as compared with the same month of the previous year.

	_				1	188	13.	38%	4.				15
	STAP	LIBI.				Up.	Down.	Up.	Down.	Total in 1982.	Total in 1884.	Increase.	Decrease
						Tous.	Tons.	Tons.	Tona.	Tona,	Tons.	Tons.	Tona.
Lin	111		994	***	100	42:30	1	80/38	125	43139	30.03		31.7
ood-grain	421		201	131	,	1,21000	2,323*41	1,0011.3	2,419/36	8,535140	3,450 90		84'8
inec:	111					(1)	Tell NT		245 11	Bellist	245'11	188'24	*****
unny-bage	14.					17174	45/010/6	44123	167:06	812393	211:27	010-11	30115
Hite	141	***	171		**	3100	1,400.51		385 45 I	1, 405 55	2895148	412111	1,418 1
Lucullaneous	441	***		***		1,417 (2)	Bronne	1.140/80	d(2)247116	9,001-1	3,4944145	4177	3994190
tenevarunda						354150	114	4.36 (20.	1:74	25.5 4 (89)	435 06 1	NS136	
tailway muterial	110		111	40.1		1,432745	107.75	3,75e3h	61565	1.5 3654	3,400 (3	1,579.80	
alt	101	71				2,511 1-4	470	2,175115	1914 6 1	2.5 (0.34)	2,155/02 (3:878
uenr	***	2007		101	177	27.71		6717	1:0	27.73	661.15	gange	141
neds	241		101	- 4		313385	E7 690]	p7169	45/097	\$26x 1041	51h db	137:69	444.14.5
CH	401	144		141	11.		885796	*****	6.2911	659 201	602.33	27500	Here
obacco	101		***			11/31	1,437190	1997	1.177788	1,340 11	1,150°10	.,	899.8
			T	otal	411	7,333160	7,005132	8,400169	6,981:00	14,539:01	14,390'69		10141

GENERAL REMARKS AND EXPLANATIONS

An examination of the above abstract will show that there has been no fulling off in the traffic for June, as compared with the same period last year, though the increase which has taken place is insignificant. The total quantity of traffic litted during these two months was respectively 14,390 69 tons, as against 14,339 01 tons, giving only a difference of 51 68 tons in favour of the month under review.

As regards jute and gump there has been no change in the Calcutta market. It continues depressed. In addition there has been a falling off in the sait and tobacco traffic. The decrease in the former is only a trade fluctuation, as up to the end of June 1884 we carried 1,906 57 tons, more than during the same period has year. The failing off in the latter is due to a weak market and no demand.

market and no demand.

An increase in Ginger, Seeds, and Tes has partially made up for the fulling off under other staples.

Ginger A demand still exists for this article, and fuir prices are being offered. Up to five months ending May the exports have been 19,533 maunds as against 8,954 maunds for the same time last year. Piece-goods The opening of the Dinagepore section has made so many more mofusil markets accessible by railway. Stocks are being replemaked for the Poojas. Buthway material Locomotive coal principally contributes to this increase. Sugar This is the first increase recorded since February, and it is apparently due to a decline in prices in the Calcutta market. Sords ... Tons 137 69 This is a new head. In provious reports this staple was included under food-grain. A good demand with fair prices existed during the month. DECREASES. Guuny-bags There are no stocks to speak of in Calcutts, and hand-made bags are not being manufactured. Jute The market continues very dull. Mixeellaneous This decrease is due to fluctuations of traffic. Sait *** ... Tons 1,018-10 ... Tons 368.96 Sait This is only a decrease as compared with the same month last year. Up to the end of June 1886 we carried 18,455-37 tone of salt as against 11,548-80 tons for the same period in 1883. Tohacco

TRAFFIC SUPERIFFERDENT'S CEPTON, Saidpar, the 23rd July 1884.

The market has entirely declined for this staple,

G. S. LEONARD, Traffic Superinte

Weekly Return of Traffic Receipts on Indian Bailways.

EAST INDIAN RAILWAY.

Approximate Return of Truffic for week anded 20th July 1884 on 1,500 miles upon.

	COVCRIA	a Thays	ic.	MERCHARDISE TRAD		CHIMP OF	42°03 à C147	Total anguings		TRAIN-MILH	e BUS.
	Number of passessing,	Lones (jone)		Weight carried.	Receipts	testia	ated).	TOTAL SECTION	Conshing.	Merchan-	Total.
		Ba.	A. P.	Hds. +	Ra A. P.	Ra,	A. 3	Ra. A. P			
Tetal traffic for the period Or per mile of railway For previous 3 weeks of half-	180,548	1,41,007	14 B 12 2	50,33,546 ±0	4.77,823 10 11 316 8 9		8 2			69,6574	150,002
For previous 5 weeks of half-	140,708	8,57,164	2 D	\$6,09,094 u	17,74,894 4 0	49,13	5 5 0	10.81,479 11	0 146,115	243,680	6 09,090
Total for 4 weeks	749.202	7,12,550	61 - 61	74,44,(306	17,92,817 14 11	66,50	1 7	26,01,708 6	0 230,9151	333,4674	502,089
COMPARISON.											
retal for corresponding work of previous year	1×2,007	1,43,503	2 9	11,55,537 80	8,10,157 7 11	14,05	1.32	7,43,8H5 7	3 62,549	110,936	175 246
ing week of previous year	49411	125	M 1(1	14404	357 18 1	1	0.16	7 493 ti	ō ,	-0.00	
Total to corresponding date of	602,9174	8,01,055	13 10	04,09,850-20	27,10,635 11 10	67,34	1 1	7 35,82,195 H	8 640,000	508,145	81n,131

Approximate Statement of gross receipts of the East Indian Railway, prepared in accordance with Public Works Department Greeder Vo. XXI. Railway, dated 23rd shifty 1883.

RECEIPT 28	s for where	REDING		TH JULY 198			L RECEPTS FRO 1. 1883 TO 28111 (1883.*		Тота Ары	L RECEIPTS PRO L 1854 TO SUPER 1854.	lung	Total merease	Total deserve
Mean mileago worked.	Hacelpts.	Per mile worked.	Moun mil nur worked	Receipts.	Por note worked.	Mean milenge we ken	Total recupts.	Per mile worked.	Menn mileage weekens	Point receipts.	Per nule worked.	11 18%.	Pota) decrease in 1984,
1	Ra.	Ba.		Its.	Ru		Į (a	Re.		Hn.	Ku	Its.	Ra.
1,500	2,43,055	42/3	1,6004	0,80,590	451	1,8119	1,76,03,702	11,757	1,6001	1,49,00,397	0.507	1100	\$5,67,465

EASTERN BENGAL STATE RAILWAY.

Approximate Return of Traffle for week ended 26th July 1884, on 350 miles open, including Calcutta and South-Eastern and
Bengal Central Railway mileage.

	Содания	HAPPS	С.	1	I RECHTED		AND MIN	KKI	k li	Other ent		Total on	Balla 1 flor		THAPPIC	Tila fin-meeli	o mirat.
	Number of passengers,	Coneli		11	Peicht carri	eđ.	Receir	ts.		Inomic atenus la	HIGE	(DM) M	THE PER	er .	Conclains	Merchup-	Total.
		Ra.	A. P		Мин,	u.	Ra.	A	P.	Ви,	A. P.	Re.	A.	P			
A.—Total traffic for the week Dr per mile of railway for previous 8 weeks of half-	GB, SDG 1 less	27.260 78	14.1		1,40,2ng 471	0	29,4n0 11			5,800		02,550 167	12		18,1-11	10,055	23,146
FORT	230,080	67,750	0	0	5.21,100	0	83,970	0	D	11,540	0 ()	1,93,540	0)]	33,911	20,489	54,790
Total for 6 weeks	200, 026	1,14,000	-{)	0	6,00,302	U	1,18,270	Ð	U	17,630	0 0	2,40,49-1	0	U	47,029	30,943	77,usa
COMPARISON.	!	į		1												4	
B-Total for corresponding week of previous year Per mile of radiusy correspond-	47,631	31,880	0	0	2,04,1423	u	43,611	0	0	6,920	U U	80,411	(1)	D	10,088	u,ago	17,046
ing period of previous year	256	151	3	d F	1,607	fi	188	28	ñ	122200		271	-63	11			165.49
Potel to corresponding date of	304,444	1,31,043	0	0 '	10,02,374	0	1,00,721	D	0	81,978	0 0	8,19,741	1)	o l	49,287	24,011	GN,297

th Eastern Railway, and 80 per court of receipts of Bernal Central Railway, viz. its. 3,769 and Ra. 3,683 resp way receipts due to Eastern Bungai Hailway for working, viz. Hs. 995, and Calcutta and South-Eastern receipts,

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Eastern Rengal State Railway.

316	n por wark mu July 18	ending 18.	RECEIP	TA FOR WEEK	ENDING		L RECEIPTS PRO APRIL TO 25TH JULY 1683,		Тота	APRIL TO 2011 APRIL TO 2011 JULY 1984		Total	Total
Mean milrage worked.	Heosipta.		Mean milesae workes	Receipts.	Per inde sorked,	Menn milmae workeda	Total receipts.	Per nella worked	Mean mileage worked	Total recalpts.	Fer title worked,	Increase in	determina 15 1562,
203	Me. 80,431	No.	agh.	H=. 62,550	lta. 176	263	Ra. 15,55,637	Ha. 5,915	359	Ra. 12,45,026	Ha. 3, 670	Be.	Ba. 3,07,611

Porada section Bengal Central Railway, Bongong to Khulna...

BRNGAL CENTRAL RAILWAY.

Approximate return of Traffic for week ended 26th July 1884, on 126 Miles open.

	Содсини	TRAFF.	I¢,	MERCHANI	BAF		ERA L	Other	ami	age		1		FIG TRAIN-MIL	es eve.
	Sumber of Innertugers.	Couch		Weight ours	ind.	Receip	tu.	(entitu	us Leed).	Total car	THER	Conoble	Merchan-	Total.
	ì	Rs.	A. P	Mda.	jh,	Rat.	A. P.	Re		P.	R4.	A. F			
A.—Total traffic for the week. Or per mile of railway. For previous 3 weeks of half-	16,600 130	6,141	0 (0	1,174 P	0 0 5 1	ā		0	7,545 59	7		8 970	4,985
For previous 3 weeks of half-	\$1,960	19,490	B (33,784	0	3,324	β D	13	3 0	0	21,558	0	7,98	3,885	11,820
Total for 4 weeks	67, 641(4	24,280	0	43,622	0	4,444	0 ()	16	5 0	()	2A,923	0	0 31,37	6,605	18,778
Companisor.	1										,				7.
B.—Total for corresponding week	8,603	1,859	0 (12,340	0		0 0		1 0		1,989	0	0 (0	11 237	1,000
and period of previous your	246	- 44	A (939	0	7	11 0		4 0	7	56	13	3	227640	1 c + 0 d d
Total to corresponding date of previous year	89,785	0.000	0 (70,807	0	1,401	0 0	21	1 0	0	8,371	0	0 5,4	1,561	4,689

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Bengal Central Railway.

	TH FOR WEEK TH JULY 188			TS FOR WERK OLD JULY 188			RECEIPTS PROPERTY J. 1883.			RECRIPTS YR BIL TO SOTH JU 1894.		Total ingresse	Total de orenae
Mean mileage worked.	Receipts,	Per mule weeked.	Mean miles e worked	Receipts,	talla worked,	Mean mileage worked,	Total receipts.	Per mile worked	Menn nulespe worked.	Total receipts.	Per mile worked.	in 1564.	in 1884.
2 33	Ra. 1,969	Ra.	125	Rs. 7,365	Rs.	35	Ra., 37,111	Rs.	126	Ra. 1,64,574 O	Rs. 1,504	Rs. 1,27,163	Re.

PATNA AND GYA STATE RAILWAY.

Approximate Return of Traffic for week ended 26th July 1884 on 571 miles open.

•	COACHING	THAPPI	C.		MERCHAND	HAR!		N JES	LAL	Other ea			Total e		Leseno	TRAPPIC	TRAIP-MIL	ro Run.
	Number of passengers.	Cottell recesp			Weight ourri	rd.	Rocal	pti	ı,	(00141110	Leul).	10001 6	- L	manien.	Coaching.	Merchan- disc.	Total.
		En.	Δ.	P	Mds.	m.	Ea.	Δ.	P.	Re.	à.	₽.	Re.	Α.	P.			
Total traffic for the week Or per mile of railway For previous 3 weeks of half-	9,729 174	6,277 92	12	0	40,709 869		3,713 64			82	10	0 1	0,023 157		0 B	1,711	1,249	2,988
3007 to be on the second	23,009	12,655	7	D	1,21,309	30	9,588	2	0	28	G	0	22,118	15	0	4,050}	3,781}	8,383
Total for 6 weeks	31,75 0	17,003	8	0	1,71,017	86	13,080	8	0	181	0	0	31.114	11	0	B, 18.1	4,973)	11,335
Potal for corresponding week	7,887)	3,612	2	11	15,828	10	1,488	4	0	81	3	0	5,101	6	11	1,628	071	2,304
Par mole of ranway correspond- ing week of previous year	128	03	2	å	271	20	28	2	4	0	16	8	89	8	0	179 000	400700	Aire
Previous year date of	21,7601	34,596	13	0	1,00,618	30	7,964	3	0	230	16	0	22,701	14	0	7,080	2,487	177

Approximate Statement of gross receipts of the Fatna and Gya State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

	rs for werk Bre July 188							APRIL 18 S TO 28TH JULY			Total receipts from let April 1886 to 16th July 1884.			Total increase	Total decrease
Mosti milease worked.	Receipts.	Per mile worked	Mean mileage worked.	Receipta.		Mean intinage worked.	Total receipts.		Mean mhoage worked.	Total receipts.	Per mile worked.	in 1866.	in 1554.		
072	Rs. 8,103	Ro.	671	Ra. 9,025	Re. 166	87 <u>1</u>	Re. 1,45,405	Ra. 5,491	67)	No. 1,44,645	Ra. 8,859	B 4. 2,186	Ro.		

GHAZIPUR-DILDARNAGAR STATE RAILWAY,

Approximate Beturn of Traffic for week ended 26th July 1884 on 12 miles open.

	COACHEING	TRAFFIG.	MERCHANDISE . TRAF		Other earnings	Total	TRASPIC TRAIN-MILES RUN.		
	Number of Conching passengers.		Weight carried.	Beceipta,	(untimated).	earnings.	Coaching.	Morohan- diec.	Total.
		Es. A. P.	Mds. s.	Ra. A. P.	Ra. A. P.	Ra. A. P.			
Total traffic for the week.	5,200	415 15 0 34 10 7	7,885 10	190 8 0 15 13 P	20 14 0 8 5 3	64A \$ 0	100	100	30
For previous 2 weeks of balf-	6,718	1,145 15 0	33,114 10	800 3 0	160 9 0	I,004 B 0	201	801	00
Total for 6 weeks	1,107	1,530 14 O	29,647 20	890 8 0	190 14 0	2,450 4 0	681	671	1,9
sotal for corresponding week of	2,191)	369 16 6	8,688 20	78 4 0	68 6 0	400 8 4	\$57		21
Pur mile of railway corresponding week of previous year Total to corresponding date of previous year	8,588	90 18 2 1,468 2 10	85,084 80	8 8 6	8 8 6 136 12 0	40 14 0 2,520 10 10	885	461	1,8

Approximate Statement of gross receipts of the Ghazipur-Dildarnagar State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

ENGRIPTS FOR WERE ENDING			ERCEIPTS FOR WEEK BEDIEG 26TH JULY 1884.			APRIL	I RECEIPTS FRO 1863 TO BETH JU	LY 1883.	APRIL	L RECEIPTS PAC 1884 TO YOTH JU	Trital	Total		
Mean fileage for a od.	Receipts.	Per intle worked	Mean militare worked.	Receipts.	Per mile worked	Mean mireace worked	Total receipts.	Par mile worked.	Mean williage whrhed.	Total receipts.	l'er mile worked	incressor in 1854,	decrease in	
	Bn.	Re.		Ba.	Re.		Re.	Re.		Ro.	Ra.	Ro.	Ra.	
18	401	41	12	646	54	13	18,062	1,504	13	30,863	1,699	2,331	152134	

SINDIA STATE RAILWAY.

Approximate Return of Traffic for week ended 26th July 1884 on 741 miles open.

	COACETRO	TRAVEIC.	MERCHANDISE A		Other carnings	Total earnings.	TRAFFIC TRAIN-MILED ROP.			
	Number of passengers.	Onsehing receipts.	Weight carried.	Receipta.	(entimated).	A CHARLE SELECTION (III.	Conching.	Merchan- due,	Total.	
		Re. A. P.	Mds. z.	Rs. A. P.	Re. A. P.	Re, A. P.		}		
Total truffic for the week Or per mile of railway For previous 3 weeks of balf-	3,697	8,861 5 0 47 13 10	49,648 30	2.280 4 8 30 11 8	86 22 8 1 4 7	6,946 6 3 79 13 1	709)	9208	1,640	
Jest	12,063	10,808 7 0	1,34,988 20	6,486 11 0	247 13 0	17,017 18 0	1,7592	8,871	4,131	
Total for 4 weeks	15,780	18,866 18 0	1,84,637 10	8,745 15 8	853 9 0	29,044 7 3	2,600)	2,302)	5,77%	
OOMPARION. I for corresponding week of vious year mile of railway, correspond-	5,0124	8,347 8 11	11,840 30	1,841 11 0	70 7 0	4,759 10 11	689	1896	1,046	
to corresponding date of	229114	66 16 11	944 994	10 0 5	0 15 1	63 14 8	P00400	****	20000	
Hous year	16,906	13,146 7 4	62,658 90	7,708 4 0	540 5 0	\$1,000 0 o	2,486	2,607	S.GH	

oproximate Statement of gross receipts of the Sindia State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

	ts pos while	RECEIPTS FOR WHEE ENDING				Total receipts yrom ist April 1865 to 28th July 1865.				Total	Total		
Monti mileage worked.	Receipts.	Per mile worked.	Mean milesto worked.	Receipts.	Per mile worked.	Mean mileage worked,	Total receipts.	Per mile worked	Mean mileage worked.	Total receipts.	Per mile worked.	increase in 1884.	decrease in
746	* Re. 6,700	28s.	Tob	Ro. 4,947	Ba. 80	74)	Ra. 1,00,7E3	Re. 1,619	70)	Ra. 1,21,501	R4.	Eo. 15,500	Rμ.

BRNGAL PROVINCIAL HAILWAYS. Weekly Statement of Traffic Receipts.

Labout return		Length	RECEIPTS FOR W	THE EXPIRE	TOTAL RECEI		Total	Total decrease	Percentage of increase
received.	Name of Bailway.	Ohdu.	Stat April 1865.	19th April 1884.	To 21st April 1883.	To 18th April 1884.	in 1864.	in 1884.	or decrease.
1004,		Miles.	Bs. A. P.	Ro. A. P.	He. A. P.	Ra. a. P.	Ba. A. P	Ba. 4. 2.	
7th May	Northern Bengal Tirhoot	1,98	37,181 0 0 18,202 0 0	21,730 0 0 20,161 0 9	47,58,811 0 0 2,49,017 0 0	.83,76,006 0 0 3,47,146 0 0	96,750 0	1,00,550 0 0	-56 -56
and May	Calcutta and floath Hastern	86	8,729 0 0 1,896 0 0	7,166 0 0 1,260 0 0	93,701 0 0 27,678 9 0	1,06,985 8 8 23,786 0 0	16,476 0	E:700 0 0	+15
	Total	615)	88,008 0 0	86,806 0 8	11,29,111 0 0	10,85,181 0 0		18,970 0 0	

A B includes the supply figures for the quarter eneing 31st March 1886.

BENGAL PROVINCIAL RAILWAYS. Weekly Statement of Ivaffic Receipts.

1.	atest return	Name of Railway.	Length	RECEIPT	9 203	WH 1	otno.			DUARY.	Total	Total	Percentage of Increase
received.		AND OF MALINEY.	оран.	SSAh April 1885,		30th April 1886,		To 28th April 1883.		To 98th April 1884.	1884.	decrense in 1994.	or decrease.
	1004.		Miles.	Re.	A. P.	· Ra.	A. F.	Ra. A.	P.	Be. 4. 2.	lia.	Ra.	
17 t b	June May June	(Phinkeyee)	230 110	80,460 17,660	0 0 0 0	48,358 19,693	0 0	8,00,801 0 2,65,967 0		0,54,354 0 0 3,66,535 0 0	1,00,748	1,84,887	-23 +36
	May	Rastern	30 271	1,663	0 0	6,006	0 0	1,00,374 0 20,128 0	0	1,14.971 0 0 26,170 0 0	18,897	8,963	+16 -16
		Total	\$10}	75,744	0 0	75,489	0 0	12,94,965 0	0	11,50,640 0 0	144494	74,930	-8



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, AUGUST 13, 1884.

OFFICIAL PAPERS.

Non-Subscribers to the Gazuttu may receive the Supplument separately on payment of Six Rupses per annum if delivered in Calcutta, or Twelve Rupees if cent by Post.

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INTERNATIONAL EXHIBITION OF ANTWERP, 1885.

NOTIFICATION.

The 1st August 1884.—The following papers, relating to the International Exhibition, which it is proposed to hold at Antwerp in Belgium in 1885, are published for general information. Any further information required by intending exhibitors may be obtained from the Belgian Consul-General in Bombay.

A. P. MACDONNELL, Secretary to the Govt. of Bengal.

KINGDOM OF BELGIUM.

INTERNATIONAL EXHIBITION OF ANTWERP, 1885.

UNDER THE EIGH PATRONAGE OF H. M. KING LEOPOLD II.

Education, Liberal Arts, and Industrial Arts-Industry-Navigation and Commerce-Fisheries and Pisciculture-Electricity-Agriculture, Forestry, and Horticulture.

GENERAL REGULATIONS.

CHAPTER I.

General Dispositions.

Anticus 1.—The International Exhibition of Antwerp, placed under the high patronage of His Majesty the King of the Belgians, will receive the productions of the Industry, Agricul use, Forestry, and Horticulture of all nations. It will comprise special maritime and electrical sections.

Competitive shows of living animals, plants, flowers, fruits, and vegetables are projected. These shows, if they take place, will be the object of special regulations.

ART. 2.—The Exhibition will be established on the ground-plot of the new town, near the Southern Railway station and the maritime establishments. It will occupy a superficies of about 220,000 square metres (22 hectares or 546 acres), comprising part of the Lighterage Dock allotted to the Maritime Exhibition.

The Halls of Industry and the Gallery of Machinery will be built of iron and covered with zinc. Constructions of all kinds will be erected in the park, which will receive shrubs, plants, and productions not intended to figure in the principal halls.

ART. 3.—The Exhibition will be opened on the 2nd May 1825, and will have a duration of at least five months.

of at least five months.

Ast. 4.—A committee, placed under the honorary presidency of the Burgomaster of the Town of Antwerp, constitutes the executive and superior power for the organisation and direction of the Exhibition.

All financial questions belong exclusively to the department of the Administrative

Board of the Managing Company

Ast. 5.—There will be instituted committees of groups, and local committees. Special regulations will determine the duties and functions of these committees.

Ast. 6.—Foreign Governments are invited to be officially represented by Commissions. These Commissions will enter, as soon as possible, into correspondence with Committee, and will be represented there by a Commissioner entrusted with the discharge of all questions interesting their countrymen; notably those relating to the division of the space reserved to their respective countries, and the mode of installation of each national

Foreign exhibitors can correspond with the Executive Committee only through their respective Commissions, or the deputies of these latter. Nevertheless, foreigners not represented by Commissions or official deputies of their respective countries may correspond directly with the Executive Committee. This latter will furnish the necessary information to the Foreign Commissions or their deputies : it will communicate to them the regulations

to be complied with.

ART. 7.—Exchanges of space between one country and another can only take place by

the intermedium of the Executive Committee.

ART. S.—The products will be divided into sections, groups, and classes, according to a system of general classification annexed to the present rules (Annex No. 1). This document gives the summary enumeration of the products of each class. This classification will serve as a base for the division of the products in such compartment attributed to the Exhibitors of one and the same nation,

ART. 9.—The Executive Committee will draw up an official, methodical, and complete catalogue of the productions of all nations, giving the name of the exhibitors, the line of industry, the place of production, and objects shown.

The necessary intelligence for the composition of this catalogue will be furnished by the exhibitors on their own responsibility. To this effect a special formula is joined to the

present rules (Annex No. 2).

ART. 10.—The necessary measures will be taken by the Government to protect in Belgium, inventions susceptible of being patented, industrial designs and models, as well as

trade marks figuring at the Exhibition.

The officers of the service of supervision will receive orders to prevent the drawing, copying, measuring, photographing, reproducing by modelling or moulding, etc., of any of the objects exhibited without the written authorisation of the exhibitor. The Executive

Committee reserves to itself the right of authorising the reproduction of general views.

Ast. 11.—All advertisements, printed or other documents intended to be stuck up or distributed within the enclosure of the Exhibition, will first have to be authorised and approved by the Executive Committee. This authorisation is liable to be withdrawn at any time. The Executive Committee regulates likewise all questions regarding the size and fixing

of signboards.

ART. 12 -No article exhibited is allowed to be withdrawn before the close of the Exhibition without a special and written authority of the Executive Committee. Arrangements will be made by the Committee with exhibitors of objects of great value or products susceptible of deterioration.

Agr. 18.—Belgian and foreign exhibitors will have to pay a ground-rent for the space their products accupy in the Exhibition. The particulars as to the terms of this location will be found under Chapter II of the present regulations.

ART. 14.—The floors of the halls will be able to support a weight of 500 kilos (1/2 ton), and even 1,500 kilos (1 1/2 tons) per square yard in certain places: they may be modified, removed or consolidated for the requirements of installations only in accordance with the Executive Committee and at the cost of the exhibitors. The partitions errected according to

the annexed sketch will be furnished gratis to exhibitors.

ART. 15.—The Managing Company undertakes the general decoration of the halls in the Exhibition. All particular and special decorations will be at the charge of the exhibitors, subject to the approval of the Executive Committee.

ART. 16.—Goods will be carried on the lines of Belgian State Railway at the price and

terms of the special tariff No. 10: Exhibits remaining unsold at the close of the Exhibition will be carried free of charge on the same lines.

Steps will be taken to arrange terms with the private lines and foreign Companies in

connection with the Belgian Railways.

Most of the regular Steam Navigation Lines consent to reductions of their freights. Agr. 17.—The Managing Company undertakes gratis the management of all packages, delivered not later than the 15th April 1885, and the weight of which does not exceed 1 1/2 tons.

This management of goods comprises :-

(a) Receiving them at the station or at the wharf.

The unloading or landing.

(c) The removing ... (d) The warehousing for the whole duration of Of empty cases and wrappers. the Exhibition ... (e) The bringing back

The cartage of repacked packages

(g) The reloading on the cars or the replacing on the wharf.

The Exhibitors will comply with the instructions given by the Executive Committee for

facilitating the cartage of empty cases, etc.

The Exhibitors will have to effect at their own cost the unpacking, installing, displaying, and repacking of their products, as well as the repairs of cases, etc. The packing up will take place in the order indicated by the Executive Committee, and will have to be effected before the 31st December 1885: the dismounting of the machines will have to be terminated so as to permit of their being taken away at the latest on the 1st February 1886. After these dates the products not packed or not dismounted will be taken away by law and warehoused at the cost, peril, and risk of the Exhibitors. The articles not withdrawn on the 1st March 1856 will be sold by public auction, and the Managing Company will have the right to dispose of the proceeds.

Regarding packages or goods more than 1 1/2 tons in weight, the Exhibitor will have to communicate with the Executive Committee, who will fix a moderate tax for their unloading

and reloading, &c.

ART. 18.—The Managing Company will exercise the greatest care in the unloading and reloading, but it is expressly stimulated that it will in no case be responsible for any losses,

damages, averages, etc., the packages or their contents may suffer.

ART. 19.—The Exhibitors, individually or collectively, will have to bear all special charges, such as hire of furniture, installation, decoration, displaying, maintaining and cleaning of the products foundations, mounting, motive power, steam, water, gas, dismounting; insurance; plantations and special earthworks connected with it; custom-house or excise duties for articles to be consumed, &c., &c.

The Exhibitors will have to submit to the approbation of the Executive Committee the plan of glazing. show cases, etc , of which they wish to make use : the annex No. 6 gives the

types of those generally employed.

The exhibitors will be held responsible for any damages their installations may cause to the floor, partitions, &c., of which they make use.

CHAPTER II. Special Dispositions.

ART. 20.—The following objects will not be admitted to the Exhibition: Explosive, fulminating matters, and in general all dangerous matter. Alcohole and spirits, oils and essences, corrosive matters, and in general the substances capable of damaging other products or incommodating the public will only be received in solid, appropriate vases, limited in size. Primings, pieces of fireworks, matches, and other analogous articles can be received only as imitations and without any addition of inflammable matter. The exhibitors of unpleasant or insalubrious products will have at any time to comply with the measures of secu-

rity prescribed to them.

The Executive Committee reserves to itself the absolute right of causing to be with-

drawn the products of any origin which, by their nature or aspect, may appear to them pre-judicial or incompatible with the purpose or the decorum of the Exhibition.

ART. 21.—The demands of admission will have to be inscribed on one of the formulas

annexed to the present rules (Annex 8, 4, and 5).

ART. 22.—These demands, duly signed and prepaid, will have to be addressed under envelope to the Executive Committee, 89, Avenue des Arts, Autwerp, at the very latest—on lat July 1884 by the exhibitors of Belgium, England, and the European Continent; on 1st

September 1884 by the Exhibitors from beyond the Ocean and the Colonies.

ART. 23.—The space rental of the sites, inclusive of the general decoration, unloading and reloading, will be fixed on the following bases, according to the space occupied by the

I .- HALLS OF INDUSTRY.

Sites non-isolated,

(a) The depth not exceeding 1 m. (1 yard 8 1/3 inches) and the height not exceeding 3 m. Per running metre frontage 70= (£2-16.) On the ground (b) The depth exceeding 1 m. and the height not exceeding 3 m.— .
Per square metre horizontal surface (走2-16.) 70=

On partition or wall.	On { (c) The height not exceeding 3 m.— Per running metre frontage Fr. 70 = No site to be calculated at less than fr. 70 or £2-16.	(£2-16.)
	Isolated siles.	
	(a) Measured on the largest dimension, the smallest under 1 m -	
	Per running metre frontage Fr. 150=	(£6.)
	Per square metre horizontal surface ,, 150= No isolated site to be let under fr. 150 or £6.	(£6.)
	In the Central Gaileries the price of isolated and non-isolated sites will be sugmented by 25 per cent.	
	The tax for saloons or sites with a frontage to the Central Galleries will be, on the depth of 5 m., augmented by 15 per cent.	
	All the surfaces will be calculated on the large square. For non-isolated sites of more than 8 m., the surplus of height	
	per metre frontage: for isolated sites the tax will be calculated	, ,
-1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -	according to the largest side of the ground-plot. The plots will be measured at the largest dimensions above the	14
	floor. The partitions will have a maximum height of 5 metres. The installations or isolated show-cases may, in certain parts of	

II.-GALLERY OF MACHINES.

the hall, attain the height of 10 m.

above the floor.

Machines and diverse installations of any height.

	For depths less than 1m.— Per metre running frontage For depths exceeding 1 m.—	'Fr. '	7 0=	(£2-16.)
No site	Per square metre horizontal surface of this category to be calculated at less the all machines in motion. getting their m		£2-16.	(£2-16.)
	steam, water, gas, or the general trans- prices will be reduced by 50 per cent. only be granted if the machines work a week and five hours a day.	This reduction	n will	

III.—MARITIME INSTALLATIONS.—GARDENS.—SHEDS IN THE GARDENS.

The installations will be measured at the largest dimensions

For sites of any height.			
(a) The depth not exceeding 1 m Per running metre frontage	Fr.	30 =	(£1-4.)
(b) The depth exceeding 1 m.— Per square metre horizontal surface No site of this category to be calculated at les	than fa 20	30==	(£1-4.)
The installations will be measured at the large. The charge for the sites under sheds will be au	est dimension	s above	the ground.
The maritime installations will be measured be dimension of the midship-frame as well a	by the square s the length	, taking occupied	the largest
The Managing Company will make private flowers, shrubs, species of woods, lawns, a	etc.		
The charges for space will be collected by the pany, and will be payable at the following	dates :		
On the 15th of Sep ember 1884 by the exhibit the European Continent.	itors of Belg	rium, E	ngland, and

On the 15th of December 1884 by the Trans-Oceanic and Colonial exhibitors.

On the 15th of December 1884 by the Trans-Oceanic and Colonial exhibitors.

Art. 24.—The Executive Committee will decide on the demands of admission, and the exhibitors can forward their products only after receipt of their certificate of admission. The exhibitor who has not installed his products before the 20th April 1885 will lose all right to his site: the certificate of admission will be considered null and void, and the sum paid to the Managing Company forfeited without any judicial or extra-judicial formality.

Art. 25.—The Exhibitors requiring steam, water, or gas will have to mention on the builten of demand for admission the quantity required by them per hour. Those who require motive power will have to indicate the speed of their propellers, and the power they wish to dispose of. The motive power will be granted in the gallery of machines on a special tariff: it will be taken from the general horizontal shaft of transmission. The fitting up of any intermediate transmission, as well as the foundations and all costs of particular installation will be at the exhibitor's own expense. Steam, water, gas will be furnished on the terms of the tariff regulating this object.

Special rules will fix the terms regarding the fitting up and working of machines. The special regulations of the Gallery of Machines will be sent to the exhibitors on their request.

ART. 26 —There will be instituted an International Jury of rewards. This Jury will operate as soon as possible after the opening of the Exhibition. The rewards will consist only of diplomas-of honor, gold medals, silver medals, bronze medals, and hon'ble mentions.

A bronze medal will accompany each diploma.

The distribution of rewards will take place before the close of the Exhibition. This solemnity will be surrounded with the greatest spleudour, and the greatest publicity will be given to the programme of rewards.

ART. 27.—The Belgian Government has authorised the organisation of a lottery. The

prizes will be exclusively chosen from among the objects exhibited.

CHAPTER III.

Administration and Police.

Aur. 28 .- The products must be exhibited under the name of the person who signed the demand for admission: this condition is indispensable.

ART. 29.—The exhibitors are authorised to inscribe, after their name or firm, the names of any co-operators who have contributed to the merit of the products exhibited.

ART. 30.—The exhibitors are requested to mark the selling-price of the articles exhibited.

bited, in order to facilitate the appreciation of the Jury as well as to inform the public.

Aut 31.—Measures will be taken to protect the products exhibited against any kind of damage, but the Managing Company will in no way be responsible for accidents, fires, thefts, depredations or damages, whatever be the cause or importance.

ART. 32.—A general supervision will be established against robberies and embezzlements, without the Managing Company assuming any responsibility under this head.

ART. 33.—The Foreign Commissions and Exhibitors will be at liberty to employ watch-

men and special attendants, to be approved by the Excentive Committee. They will have distinctive emblems, and will under any circumstance be able to claim the assistance of the agents appointed by the Executive Committee, and that of the Police.

ART. 34 .- Articles of current sale, as well as those made or manufactured on the place,

ART. 35.—Articles of current state, as well as those mane or manufactured on the place, may, on payment of a tax to be agreed upon, be sold and delivered on the spot. A special agreement will regulate the right of selling drinks to be consumed.

ART. 35.—One Entrance Ticket will be delivered gratis to each exhibitor or to the representative of the firm. This ticket is personal: it will be withdrawn when it is found to have been lond or transferred, the whole without prejudice to any proceedings at law. The ticket will have to be signed by the exhibitor, bear his "carte de visite" and the number of the group and of the class to which he belongs: it will besides be stamped by the Executive Committee.

ART. 36 .- The Exhibition is constituted a Government Watchouse, and the Exhibitors

will have to comply with the regulations made by the Belgian Government.

ART. 37.—Ulterior instructions will determine in due time the mode of forwarding, receiving, unloading and re-loading, installing and returning the goods, the mode of forming and proceeding of the International Jury of awards, as well as the system of entries into

the Exhibition.

Agr. 38.-The exhibitors and others admitted to build or to establish themselves in the park of the Exhibition will have to comply with the conditions imposed upon them by the Executive Committee. Special conditions of contract will regulate the granting of licenses to restaurants, refreshment bars, tobacco shops, eating-houses, &c., &c.

CHAPTER IV

Special Exhibitions -Congresses and Lectures.

ART. 39 .- Supplementary Exhibitions, competitions, congresses, lectures, readings, &c.,

will be organised during the period of the Exhibition.

ART. 40—The Executive Committee will convoke International Congresses, where questions of a nature to interest exchanges and business transactions will be treated: it will examine and patronize all projects the realisation of which might increase the interest and success of the Exhibition.

Aut. 41.—Alt communications respecting the Exhibition must be addressed by prepaid letter to the Executive Committee of the International Exhibition of Antwerp, Avenue des Arts, 89, Antwerp.

Special Disposition

ART. 42.—Belgians and Foreigners, by accepting the position of exhibitors, agree to adhere to the present general rules, special regulations, and any measures of order which may ulteriorly be promulgated.

Adopted in the Session of the Council of Administration.

Antwerp, 24th April 1884.

The Administrators,

EUGENE MEEUS-VICTOR LINEN.

ANNEX No. 1.

INTERNATIONAL EXHIBITION OF ANTWERP, 1885.

OPHNING 2ND MAY 1885.

Synopsis of the Classification.

SECTION I.

EDUCATION AND INSTRUCTION-APPARATUS AND PROCESSES OF THE LIBERAL ARTS-FURNITURE AND ACCESSORIES-TEXTILE FABRICS, CLOTHING AND

GROUP I .- Education and Instruction .- Apparatus and processes of the Liberal Arts.

- Education of children; Primary Instruction.-Instruction of adults. Class 1.
 - Organization and appliances for secondary instruction.
 - 3
 - Organization, methods and appliances for superior instruction. Printing and Books. 4.
- Stationery, Book-binding; Painting and Drawing material. 22 General application of the art of drawing and modelling. Photographic proofs and apparatus. 6. 9.9

 - Musical Instruments.
- 9. 2.2
- Medicine, Hygiene and Public Relief.
 Mathematical and Philosophical Instruments. 10. 1)
- Maps, Geographical and Cosmographical apparatus. 11.

GROUP II .- Furniture and accessories.

- Class 12.
- Cheap and Fancy furniture. Upholsterers' and Decorators' work. 13.
 - Crystal, Glass and Stained Glass. 14. 22
- 15. Pottery. 22

21

- Carpets, Tapestry, and other stuffs for furniture. Paper Hangings. 16. 77
- 17. 13
- 18. 21
- 19. 2.9
- Cutlery and Hardware. Goldsmiths' and Silversmiths' work. Bronzes, various Art Castings and Repoussé work. 20, 11
- 21. Clocks and Watches. 9.1
- Apparatus and Processes for Heating and Lighting. Perfumery. 22 21
- 23.
- 24. Leather work, Fancy articles and Basket work.

GROUP III .- Textile Fabrics, Clothing and accessories.

- Cotton Threads and Fabrics. Class 25.
 - Threads and Fabrics of Flax, Hemp, &c. Worsted Yarns and Fabrics. 26. 23
 - 27. 28.
 - Woollen Yarns and Fabrics. Silk and Silk Fabrics. 35 29. 22
 - Shawla.
- Class 31.
- Lace, Net, Embroidery and Trimmings. Hosiery and Under clothings, and accessories of Clothing. Clothing of both sexes. 32.
 - 34.
 - Jewellery and Precious Stones.
 Portable Weapons and Hunting and Shooting Equipments.
 Travelling Apparatus and Camp Equipage. 35.

 - 87. Toys.

SECTION IL.

INDUSTRY.

GROUP IV .- Mining Industries, Raw and Manufactured Products.

- Class 38.
- Mining and Metallurgy.

 Products of the Cultivation of Forests and of the Trades appertaining thereto. 39. 22
 - Products of Hunting, Shooting, Fishing, and Spontaneous Products,
 Machines and Instruments connected therewith.
 Agricultural Products not used for Food.
 Chemical and Pharmaceutical Products.
 - 41.

 - Chemical Processes for Bleaching, Dyeing, Printing and Dressing. 43. 13
 - Leather and Skins. 44.

GROUP V .- Machinery Apparatus and Processes used in the Mechanical Manufactures.

- Class 45. Apparatus and Processes of the Art of Mining and Metallurgy.

 ,, 46. Agricultural Implements and Processes used in the cultivation of Fields
 - and Forest.

Class 47. Apparatus and Processes used in Agricultural works, and in works for the preparation of Food.

Apparatus used in Chemistry, Pharmacy and Tanning. 48 Machines and Apparatus in general. 49. 13 50. Machine Tools. 95 Apparatus and Processes used in Spinning and Rope-making. 51. Apparatus and Processes used in Weaving.

Apparatus and Processes for Sewing and for making up Clothing.

Apparatus and Processes used in the Manufacture of Furniture and Objects for Dwellings. 53 9.9 54. 23 Apparatus and Processes used in Paper-making, Dyeing and Printing. 22 Machines, Instruments and Processes used in various works. Carriages and Wheelwrights' work. 56. 2.3 57. Harness and Saddlery.
Railway Apparatus and Appliances.
Telegraphic Apparatus and Processes for Signalling.
Apparatus and Processes of Civil Engineering, Public Works, and 21 59 60, 61. Architecture. Materials and Apparatus for Military purposes. 62. GROUP VI .- Alimentary Products. Cereals, Farinaceous Products, and Products derived from them. Class 63. ,, 64. Bread and Pastry. Fatty substances used as Food. . Milk and Eggs. 65. 22 Meat and Fish. 66. Végetables and Fruit. 67. Condiments and Stimulants, Sugar and Confectionery. Fermented Drinks and other Beverages. 68 69. SECTION III. NAVIGATION AND LIFE-SAVING-FISHING AND PISCICULTURE-IMPORTATION AND EXPORTATION TRADE. GROUP VII.-Navigation and Life-saving. Class 70. Vessels of all kinds: Apparatus, Fittings, Furniture, &c. Apparatus for Life-saving, Lighting, &c., of the Coast. Apparatus used in Fires and other accidents. GROUP VIII .- Fisheries and Pisciculture. Vessels and Apparatus used for Fishing in High Sea. Angling and Fishing in Rivers. Equipments and economical condition of Fisherman. Trade and Economy. Class 73. 74. 75. Fresh and Saltwater. History and Bibliography: 77. I .- Natural History Acquariums. 11.-Fisheries, Legislation, Trade. GROUP IX .- Commerce of Importation and Exportation. Exports for the use of the Natives in countries out of Europe. Commercial Museums. Biography.—Legislature. Class 79. ,, 80. Importa. 81. Exports. 99 Exports for the use of the Natives of non-civilised countries. 82. 31 88. Commercial Museums. SECTION IV. ELECTRICITY. GROUP X .- General Mechanism. Class 84. Boilers, Steam-engines, Gas-engines, Hydraulic motors. GROUP XI.—Production of electric currents. Hydro-electrical Piles. Thermo-electrical Piles. Secondary Piles. Machines. Magneto-electrical and dynamo-electrical machines. Bobbins 86. of induction. GROUP XII .- Electrical Conductors. Class 87. Cables, wires and accessories. 88. Lightning conductors. GROUP XIII .- Study and Tuition of Electrical Sciences. Scientific Application. Class 89. Instruments employed in experiments of demonstration, such as-electrical

machines with friction or induction, condensators, electrophorus; apparatus for, electro-dynamic or electro-magnetic experiments; apparatus for the study of induced currents, &c.

	2	
Class 9	0.	Instruments of measurements : mariners' compasses, rheometers' galvano-
		meters, electro-dynamometers, standards of capacity, standards of resist-
,		ance, drums of resistance, rheostats, electrometers, &c.
erin.	-	9794

92.

93.

Electricity applied to Astronomy, Geodesy, Meteorology.
Electricity applied to Machenics, Ballistics, Physics, Chemistry.
Electricity applied to biological sciences. Medical Electricity.
History and tuttion of electrical sciences. Bibliography.
models, &c. Retrospective collections of apparatus. Drawings,

GROUP XIV .- Transmission of signals and speech by Electricity.

Telegraphs. Class

Telephons, microphons and photophons. Electricity applied to Railways. 96. 39

Electrical signals for diverse usages. Indicators or notices of levels, pressure, temperature, &c. House telegraphs. Electric Clocks.

GROUP XV .- Electrical Currents applied to Industry. Diverse Applications.

Class 99.

Electric lights. Photometers.
Electric motors. Transmission of power.
Electrotypy and galvanoplastic.
Diverse Applications. 100. 22

10).

102.

SECTION V.

AGRICULTURE-HORTICULTURE-SPECIAL COMPETITIVE SHOWS.

GROUP XVI .- Agriculture.

Specimens of rural and farming implements. Class 103.

104. Horses, donkeys, mules, &c.

Oxen and buffaloes, &c. 105. 13

Sheep, goats. Hogs, rabbits, &c. 106. 3.9

107.

108. Poultry. F2 109. Dogs.

Useful and noxious insects. 110.

GROUP XVII .- Horticulture.

Class 111. Hothouses and Horticultural Implements.

Ornamental plants and flowers. Vegetables. 112.

113.

114. Fruit and Fruit-trees.

115. Seeds and Plants of wood species.

Greenhouse plants. 116.

Special Competitive Shows.

Bovine, ovine, porcine species; rabbits, poultry.

Dogs.

Horses and asses

Azaleas, coniterous plants, early flowers, ananas.

Rhododendrons, vegetables, early grapes. Orchideas, pelargoniums, early fruits. Roses, palm trees, exotic fruits.

Cherries, strawberries, hothouse plants.
Fuchsias, cornflags, holly-hocks, stone and kernel fruit.
Avoides and ferns, peaches and figs.

Dahlias, China asters, fruit-trees. Fruit of all kind.

Vegetables, lawns, posegavs.

ANNEX No. 2

INTERNATIONAL EXHIBITION OF ANTWERP.

UNDER THE GRACIOUS PATRONAGE OF II. M. THE KING OF THE BELGIANS.

OPENING 2ND MAY 1885.

OFFICIAL CATALOGUE,

REGULATIONS.

Aux. I .- The catalogue will appear in two editions: the one in French, the other in Flemish: printed in the characters and the composition of the model given below. No stereotype will be admitted.

Competitive shows of living animals, plants, flowers, fruits, vegetables are contemplated.
 place, will be the object of special regulations (General Rules, Article 1). Those shows, if they take

	lines of impression. Th	t, for each group in which he exhibits, to four as name or the firm and the domicila will be t,—the nomenclature of the exhibited products,
	medals and rewards obtain	
		ill be printed at the price of the following
	The first line	at fr. 1.*
	The second line	,, 2.
	The third line	non 99 S.
	The fourth line	*** ** *** ***
	The fifth line Each following line	,, 5.
		average of 40 letters, figures and intervals (the
	dashes count for five letter	
	Every incomplete line counts	for a whole one.
	the same time as the de of the Exhibition, 89, Aver	filled up and signed, will have to be sent back at mand of admission, to the Executive Committee nuc des Arts, Antwerp. The Managing Company ity with regard to the text furnished by the
	exhibitors.	
	ART. V The Executive Committee rese	erves itself the right of modifying the wording,
	previous advice having bee	n given to the exhibitor. be made with collectivities of exhibitors as to the
	number of gratuitous lines	
	- C5	CATION OF THE TARIPP.
	Geour 5.	46 No. 253+343.
a New		338. Cantege & Co., Rue do la Cathe
	Sounding poards, prepared for piano and	draite, Aniworp. House founded in 1840, Piano with crossed strings (med 2 of the pre-scutrent) Piane with vertical strings and base of Pr. 1
Range	(Pinna Wills various attenues and lone of Pe 1
		wrought from seven estaves 77, Pranto with 8 obliques wirings, larger size of current sale 8. 8 Franco viewes 47, Incorporated 8 4
		Pinne rosewood 7 octavos, 1/4 increstated
		Prant with crossed afrings carried, oak, style
		Special construction for tropical countries
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	INTERNATIONAL EXH	IBITION OF ANTWERP.
	OFFICIAL	CATALOGUE.
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	Nomenclature complete of the pro-	
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BI	with quotation of the prices	
-	opposite each article.	
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A	Diplomas, medals, rewards, distinc-	
	tions obtained.	
E.		

Signature.

Rainfall, Weather, and State and Prospects of the Orops.

Statement showing Rainfall, Weather, and State and Prospects of the Grops in the different Districts of Bengal, as reported to Government during the week ending the 9th August 1884.

N	0.	District, and return		of	16	Rainfall tSudder tation in inches	Character of the weather, state and prospects of the crops, and state of health at date
EN	GAL	ie					
		Western Di	istrict	3.			
1	1		Ang.	9	*84		Weather-dry for the season. Rain still very insufficient and transplanting
1		Culua			484	0.49	proceeds very slowly. Price of rice varies from 12 to 15 seers per rupes.
1		Rancegunge	1	n	***	1.24	see at the tell and the tell at the tell a
1	3	Bankoors, Hishenpore	90	9	PP	2.65	Weather—hot, with occasional showers. Transplanting of amea seedlings retards for want of sufficient rain. Rain sadly required in many parts of the distric
ă	1	Melinen			481	-99	Price of rice stationary. Public health good.
1	-	Khattra			144	Not eceived.	
	8	Beerbhoom,	40	9	89	1.28	Weather-sultry; slight rain fell. Transplanting of paddy very backward f
		Rampore E	laut		***	1.17	want of min, especially in Rampore Haut. Prospects of crops far from goo Price of rice rising. General health satisfactory.
	6	Midnapore,	7.0	9	11	1.88	Westher—scasonable. Prospects of crops generally good except in the north the district, whore more rain is wanted. Public health fair, but fever of use type is beginning to show itself in the Ghatal sub-division.
	5	Hooghly, Jehnnahad	9.0	9	31	2.79	Weather-showery. Transplanting has been carried on vigorously during tweek, but much more rain is still required. The rice crop a late, and unless t
Ī		Serampore			147	Nut eceived.	rains end late it will be a scanty one. Prices stendy. Public health bett
1		Howrah, Oolooberia	h"	1	35	1·10 4·03	Weather - ood with south-westerly winds and almost continuous rain. Want sufficient rain is still felt in the south of the district, and transplanting of la rice impeded. Jate being cut. Sugarcane thriving. Public health good.
		Central D	istric	ta.			
	6	24 Pergunnahs	Aug.	. 11	'B4	1.38	Weather—seasonable, Prospects of standing crops good. Transplanting of am rapidly going on, but rain wanted in the Baraset and Bussirhat autodivision
	7	Nudden.	91	9	10	.33	Public health good. Cattle-disease abating. Weather—cloudy and showery. More rain wanted for transplanting of orange.
ń		Kooshtea Meherpore			114	-76	and in the north of the district for our crops also. Fever continues.
	1	Choondang			610	-86 1·13	
H	1 0	Ranaghat		0	**	-90	
ii.	8	Khoolus,	19	9	23	1.85	Weather—hot. Transplanting of amus in progress. Prospects of crops go Public health fair.
PERSONABOL DIVE	9	Jessore,	89	9	81	1.78	Weather-hot, with slight rain in the latter part of the week. Harvosting
		Jhenida Magoorab			111	0.66	ans crop continues; prospects fair. Rain wanted for assus crop. Dest
		Narnil			84.	1.09	areas areas reference recombination
	10	Moorahedalad,		9		0.07	Weather-hot and dry. Amus suffering much from want of rain: out-it
		Lalbugh			901	0.24	gloomy. Public health good.
		Jungipore				0.29	
			Aur				
	111	Dinagepore,	Aug.	8	'84	184	Weather—bot, with insufficient rain. More rain much wanted for transplant amus; other crops good. Price of rice ranges from 12 to 15 seers per range.
	12	Rajshahye, Nattore	167	9	81	-60	Weather-very hot. Outturn of ans crop in the south of the district bad
		Nowgong			991	·40 ·70	want of sufficient rain. More rain urgently wented for omen.
31,	13	Rungpore	80	9	80	.17	Weather-very bot Rain much wanted. Transplanting of amos has be
		Nilphuma: Kurigram	1.5		491	'07 NH	deterred in some places for want of rain. Harvesting of one and jute c times. Malarious fover still prevailing at head-quarters and in some pe
94		Gaibanda		-	***	-89	of the Gaillanda sub-division.
HARR	1 14	Hogra,	**	9	t#	'54	Weather-very little drizzling rain with much heat. Ane and jute be reaped. Transplanting of amon at a stand-still for want of rain. Fever
PLAJBRARTE LIVER	15	Pubna,	14	7	ga	0-97	cholers here and there; otherwise public health fair. Westber—close and hot with light showers of rain. Harvesting of one concernly over with 10-anness outturn only. Prospects of ansate fair. Riversing. Rain much wanted.
	16	Darjoeling,	86	9	30	-8	Weather—wet and warm. Prospects of crops good. Late heavy rain impre- prespects of tea. Several cases of cholera and cattle-disease ported
	17	d pigaree,	99	9	90	5-61	Westher—cool during the early part of the week, but it has again beed hot. More rain urgently, wanted. Transplanting of tensor at a stand-in the Alipur sub-division. In other parts of the district it is progressed. Two cases of cholera, reported from Jupigoree; the disease continues it mild form in the Myngoree and Keranti thanas. Prices continue stationary

1	No.	District, and di- return.	lte	of	Rainfall at Sudda Station is inches.	Character of the weather, state and prospects of the crops, and
3E	NGA	Lconcid.				
		Eastern Distri	ate.			
	18	Manickgunge		9 '84	1.79	Weather-hot and cloudy. Early paddy and jute being cut. Water goldown. More rain needed for aman crop. Prespects of crops fair. Put
		Moonsheegung Namingungo			1.59 1.59	health good.
	19	Farreedpore, ,,	9	90	·91 1 25	Wenther-sultry. More rain wanted. State and prospects of crops in the nor and course of the district good; in the south less favourale than before4
Caron Dirigo	20	Madaripore Backergunge,	7	2) 2)	1·27 1·26	being reaped, with satisfactory outturn. Public health tair. Weather—sensonable. More rain wented. Prospects of ans crop good. Tree planting of amas going on. Public health good. A few cases of catt
	21	Mymensingh, ,, Jamelpore	8	19	1.24	disease reported. Weather -cloudy and hot. Prospects of crops good.
		Kishoregunge		44*	.13	
		Attin Netrokona			1:01	
	22	Chittagong, Aug	. 11	184	8.21	Weather—hot. More rain wanted. Prospects of crops still fair. Transplaing of ames commenced. Prices stationary. Cholors and cattle-discontinue.
	28	Noakholly, ,,	8	6	5·13 2·56	Weather—cloudy, with light showers of rain at intervals. Ans paddy bei reaped. Transplanting of amore continues. Rain wanted in the Francy st division. Cattle-disease prevalent in the Chagalnaya thana. Sporadic cases cholera and small-pox reported.
	24	Tipperah, Brahmunberiah	8	31	2.48	Weather—fair, with light showers of rain. Jute being harvested. Rainfall we insufficient. Crops on high lands suffering from want of rain. Public heal
	26	Chandpore Chittagong Hill Tructs.	6	ga .	1 80 \$ 03	good. Wenther-sunny and cloudy, with occasional showers of rain. The recent ca- has improved prospects of jam crops. Transplanting of amen pudity in fo
		Hill Tipperah	6	20	1.90	swing. which warm, with occasional rain. Reaping of 210 continues. And being transplanted. Prospects of jum crops fair. Public bealth good.
E	HAR.					
	26	Patna, Aug	. 9	184	1.87	Wenther-hot and cloudy. The recent rain has, to a slight extent, henceft
		Behar Diuspore			0.12	bhadoi, but more is urgantly wanted for transplanting of paddy seedling. There was havy rain on the marning of the Sth, but the full was part and did not extend to the south of the district where it is most wante Cholera still reported.
	27	dya, Aurungabad Jehanabad Nowada	9	38 841 841	1·01 0·18 1·08 0·99	Weather - hot. Heavy clouds, with occasional showers. Prospects of crobad. Bhadoi crop has suffered much. Transplanting of paddy is gon on very slowly and in some places it has stopped. Seedlings dryi up. Health fair, though cholers, small-pox, and fever reported from an
	28	Shahabad, ,,	9	н	·43	places. Weather—hot and cloudy at intervals. The rain has benefited bhadoi crobut much more arguntly needed both for bhadoi and paddy crops. Show
J		Bhabua		**	1:45	of rain seom local.
5	29	Durbhunga,	9	**	1.02	Wenther-cool, generally cloudy, east winds prevailing. Rain very badly want
	-	Tajpur		PI I	.18	almost everywhere. Bhadoi crops turning yellow in some places. Transplanti of paddy stopped. Prices stationary. Public health good.
Ì	80	Mozufferpore, ,	9	18	·78	of paddy stopped. Prices stationary. Public health good. Weather—close and hot; sky overeast with clouds. Standing crops beginning.
		Hajiporo			0.08	to suffer from want of rain. Unless ram falls shortly bhadoi will be ab-
ı	81	Sitamerhi Sarun,	9		1.02	and aghani will be retarded. Weather-saltry, with passing clouds and occasional drizzling roin. A bear
		Gopulgungo			Nil *04	fall of rain urgently required, especially in the Sewan sub-division. Mak and other blades crops still doing fairly well, but transplanting of paddy much retarded for want of rain. Manufacture of indigo in progreeverywhere, but outturn is disappointing. Prices study. Public healt
1	20	Chumparun	9		NII	good. Woather-cloudy, with easterly winds, The continued drought gives cause f
	32	Bettish	ø	Bo	2.	serious anxiety regarding outturn of bhadoi crop in the Sudder sub-division. There has been rain in the Betteah sub-division, but more still required the Public health fair.
1	88	Monghyr, Aug.	9	*84		Weather-sultry and cloudy with occasional light showers of rain. Rain great
1		Beguserni Jamui		***	·77	meeded for transplanting paddy seedings, which are injured in some places from the Ganges rising rapidly to the injury of bhadoi crops on lo
	84	Bhagulpore,	9	10	*98	lands. Prices steady. Public health good. Weather—cloudy, with occasional light showers of rain. Want of rain beginning to be badly falt all over the district, both for bhadoi crop and paddy. Trans
1		Daniel Control	_		0.40	planting backward. Public health good. Price of rice varies from 12 to seers per rupee.
	85	Purnesh, "	9	10		Weather—cloudy, and hot. Prospects of crops everywhere getting worse for wa of rain. Health fair.
	36	Maldab, ,,	9	80	0.23	Weather bot and cloudy. Want of rain continues to be much felt, and tran planting of haimant; paddy retarded in consequence. River rising slowly but remains much lower than is usual at this season. Prospects of bhad
ľ	37	Southal Perghs	9		1.26	as yet favourable. Public health good. Wenther—cloudy, but very little rain fall generally. The general cry is for heat
1		Deoghur			1.29	rain to unable paddy on high lands to be transplanted. Itainy craps wi
		Bajnichal Jamtara Pakour		981	1.34 -60	yield a bumper harvest, but the rice crop, if rain does not fall in sufficient quantity during the next fortnight, will be short.

No.	District, and retur		o of	Rainfal at Sudde Stations inches	Character of the weather, state and prospects of the crope, and state of health at date.
ORISS	Α				
1	Cuttack,	Aug.	8 8	1.07	Weather—hot and cloudy. Beals in ear, in some places ripening. Serese being transplanted and weeded. Rais urgently wanted. Sarad crops of low lands in the southern part of the district submerged by late flood and partially damaged. Price of rice slmost stationary. Public health generally
Contract Lives	Pooree, Khoorda	23	7 11	·54 1·38	good. Weather—not and cloudy. Weeding and transplanting of sarad going on the sowing going on in places where the young plants were destroyed by late floods. Cases of appradic cholera still reported. Common rice selling at an average price of 22 seers 10 chittacks in the Sudder sub-division, and 24 seems 2 chittacks for the rupee in k hords sub-division, the sudder sub-division.
40	Balmore	Pp	6 ,,	6.81	Weather—cloudy, with occasional showers of, rain. Prospects of crops fair. Price of rice stationary. Public health generally good.
HOTA	NAGPORE.				
Sout	h-West Fronties	34			
41	Hazaribegh.	Aug.	8 '84	2.64	Prospects of bhadoi crops good. Transplanting of paddy is at a stand-still in many places owing to insufficient rain. Prices of food-grains continue high. Small-pox and cholors reported from certain places, otherwise public
42	Lohardugga, Palamow (30th July to	5th A	9 ,, (.g.)	3·09 1·72	bealth good. Weather—seasonable. Agricultural operations progressing satisfactorily, but more rain wanted for safety of transplanted rice. Sky evercast and rain expected. Bhadoi crops promise well everywhere. Price of rice shows a slight tendency to rise. Cholera still reported from Palamow on the borders
48	Singbhoom,	20	8 .,	3.96	of the of
46	Manbhoom, Govindpore Burrabazar		9	1.03	with the exception of usual fever. A few showers at Purulia. More rain seems to have fallen in the interior, Indian- corn and other saturan crops doing well. Indian-corn sepecially fine. Green corn beginning to come to market. Transplanting of winter paddy is still retarded for want of rain in parts of district. Coarse rice sold on the 9th instant in the Purulia market at 194 seems per rupee. Cholera prevalent in Jhalda town, and both cholera and small-pox reported in other parts of the district.

Published for general information.

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CALCUTTA, STATISTICAL DEPT., The 12th August 1884. COLMAN MACAULAY, Secy. to the Govi. of Bengal,

STATEMENT SHOWING THE STOCKS OF RICE IN AND AROUND CALCUTTA.

						STOCK	<u>Ph</u>	HARP AS COMPILED OF-						
March	Making or Maker.			las week of Oct. 1883.	3st week of Nov. 1883.	Int work of Dec. 1955.	-	1st wask of Feb. 1896.	1st week of March 1854.	let week of April 1894.	lat wrote of May 1984.	let week of June 1886.	1st week of July 1986.	1st week of August 1884.
Columbia		Mds.	Mdt	Mds.	Mids.	Mds.	Mår	Mds.	Mds.	Mda	Meda.	N N	a Property	1
1,00,000 1,00,000	ı		4,63,860	4,68,040	8,53,000	\$.46.000	2,11,600	4.71,500	10,19,600	10,12,000	0.23.000	8 DS 200	- CO	1000
1,44,000 1,14,000	Oolte dangs		1,65,000	79,300	74,100	48,900	67,800	60,200	98,350	96.906	79.800	AR 800	000 000	100 mm
1,0,0,00 1,0,0,00	Chitpore, Golabarce, Conner- trols, Bathbola, and Culps Ghåt.		0,39,990	8,97,790	7.45,300	~,74,600	8,92,200	6,97,700	8,66,750	7,76,900	728,300	7.95,100	6,32,100	7.70.300
1,60,000 2,60,000	Posta.		11,700	12,500	0,000	6,700	10,000	13,060	30,400	E, 469	9,700	6,508	7,000	7,000
Part	Tellegunge, Chillish, Ridderpore,		1,14,500	1,50,050	91,900	000,200	98,700	1,25,600	1,52,900	1,47,150	1,31,950	1,29,250	3,20,200	1.345.30
Fig. 2 Fig. 3 F		8,47,000	2,60,000	8,40,000	8,40,000	2,40,000	\$,40,000	\$,40,002	\$,40,000	2.44.000	9 20 900			
Total Riodes Right Rig			2,56,600	8,59,000	2,56,000	2,50,000	\$,56,1100	\$ 50,000	8,58,000	2,50,090	3,50,000	2,80,000	E, 50, 000	E. 60,000
Total Blooget 20,20,753 19,10,215 10,73,575 15,50,100 19,45,912 25,50 19,65,912 25,50 19,65,913 25,50 19,65,913 25,50	Soldyshalty, Nowabirmer, Khuddressif, and Chauder- Bagors.		16,837	80,503	18,619	9,675	8,700	10,112	7,722	24,097	13,359	19,106	19,933	180 22
### Constitution on both Constitution of the c			181,25,167	20,00,713	18,10,215	16,78,575	18,58,00	18,68,912	\$6,50,063	\$5,65,337	23,71,500	23,09,533	SB. 65, 503	20,14,900
Shorts	On Rail way premines on Loth pides of the river. On heats un abisticiters re- tonded		Sept. 4. 1	(on Srd Oct. 1583) (chill this Oct. 1983.)	F. F.	Con 3rd Dec 57.1 (101 to 4rd Dec 53.)	1,010 Jan No.3 (2nd to 4:141 Jan to 4th	2.500 fon 405 Feb 54.) 55.865 (2nd to 415 Feb. 84.)	5,115 (on 3rd March vs.) (2rd 1 4th March vs.)	April % L.)	Con 21 Maria (Tax to the bottle of the bottl	(on 4th Jane 41.) (far (o 3r)	July well	(on 4th August 4th 20, 22, 22, 23, 23, 24, 35, 1
Blocks 21,53,566 21,53,566 21,53,566 21,53,566 21,53,566 17,82,439 10,43,347 90,97,983 \$7,90,347 36,21,79 26,61,79 26,61,161 25,92,070 wilebie for 11 labbs. 11 labbs. 11 labbs. 6 labbs. 6 labbs. 6 labbs. 6 labbs. 6 labbs. 13 l	Catasi return.	Augus Augus	dajoro (1st to . rd Sept. 53.)	(2nd to 4th Oct. 1883.)		Clet totd Dec. 1883 l	(2nd to silt Jan. 24)	1, Parter (2nd to 18h Feb. 54.)	1,00,859 (2nd to 8th March 84.)	(Det to sail April 86.)	Part to the Carte	Tank (1st to 3rd Jone 54.)		August 1984.] 28,175 (141 to Trib August 1994.)
wilable for 11 labbs. 11 labbs. 11 labbs. 12 labbs. 6 labbs. 6 labbs. 6 labbs. 6 labbs. 6 labbs. 13 labbs. 13 labbs. 13 labbs. 13 labbs. 13 labbs.			21,67,053	17,91,523	15,54,000	17,32,430	16,44,347	90,97,095	17,9,347	26,21,179	28,05,320	20,11,75	#	\$1,43,548
	Probable sinck arritable for exportation by see.		11 lakbs.	Ing landing,	6 takha,	of inkha.	61 142119.	70) iakba	171 takta	व्यक्षा हैता	135 lakha.	12; lakho.	134 Sakha.	11 laklır.

Statistical Department, The 8th Angust 1884.

Colman Macaullar, Secretary to the Govt. of Bengal,

PRICES-CURRENT of Food-grains, Firewood and Salt in the

RETAIL SALE :-- QUANTITIES PER RUPRE BY

			M. HEV	T.		BARLE	Ŧ,		Ricz	. 221	IT 80:	ET.		Hr	ou, c	OMa	108.	Brt	kess !	MILLET BAJRA.		at Mij	
Namber.	DISTRICTS.	Present return.	Next proceeding totarn	Corresponding seturn of in Jear.	Present return.	Next preceding re'n.n.	Torresponding return	100	Present refurn	Nest preceding return.	Consequence of the second	of last year.		Present metern.		Acts preceding return.	of last year.	Pres-ni reintu.	Next presiding return.	ng return f.	Present return.	Next preceding return.	Corresponding return of last year.
	BENGAL.																						
	Vasteru Districts.	S Ch.	S Ch	.;S. Ch.	S. Ch.	S. Ch.	°S. Ch	.18.	ъ. 19	Ch	. S.	Сь,	S.	Ch.	8, 1	Ch.;	s, Ch	8. Ch	S. Ch	B. Ch.	S. Ch	18. Uh.	B.Ch.
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6	24-Perguonaha	14 0	14 8	13 6	17 8	17 8	16 0	8	0 1	8 ()	8	()	13	12	14	8	1 0	144	464		474	100	440
7	Nudden	10, 12	17 4	14 8	91 63	20 O	411	19	5 1	2 5	15	4	12	13	13	84,1	7 4	400	(9)		***	104	P00
8	Khoolna		***	101	16	1	***	13	0 .1	3 0	16	0	19		18		,	911	100	101	***	***	1, 1000
9	Jessore	18 0	10 0	13 4	101	1	***	13	0 .13	3 0	16	C	16	0	16	0 3	1 4	***		10-	49.0	414	
10	Moorshedsbad	18 0 K ,	18 0	46 0	***	1 100		13	9 15	3 8	16	Ď.	13	8	124	8 2	0 6	+44	***	49.	461	*1*	100
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18	Rungpore		20 0	113 5	.***	sub r	***	10 1	2 .11	7	13	8	16	4	16	0 2	ı 0		0.6-0		100	001	400
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19	Ригиедроге	\$0 U	20 0	20 D	34 U	34 0	30 0	14 (16	0	14	0	16	0	15 (0 11	8 0	p % 0	***;	60-	***	***	***
90	Backerguage	R	***	407	961	***	484	15 (15	0	19	0	18	0	10 (3 8	0	000.	00-5			***	100
21	Mymensingh	13 8	18 0	11 0	***	601	bbe	13 6	3 12	0	13	5	17	o	16 (0 11	0	914	00.5	10	sto	100	

A in the sub-divisions the retail priors of the per tupes were :- Culus 16 scere, Cutwa 12 seers, and Ranceguage 134 seers.

The retail price of sait in the interior casged from 11 to 13 weeks per super.

C The retail price of sait in the interior ranged from 11; to 13; weeks per ruper

D by the sub-divisions the twine part of sais per rupes were: - Ginted 11 a ers, Tumbok 11 wers and Contai 12] seers.

If the sub-divisions the recan prices of sait per super were: - Secumpore 13 axers and schemabat 134 ages.

G In the sub-divisions the rotal prices of salt par rupes were :- Reashter 13 seers, Memorphore 111 seers, Choosdanga 16 seers, and Banagini 121 seers,

In the sub-divisions the retail price of salt per runce were :- Jhuncish and An-all 12 come, florigong 18 seems and Magurah 104 seems.

Districts of Bongal for the Fortnight ending the 31st July 1884.

HR SKI	KR (DF 80 1	tol.Al	łs.												Pat	BEALD DEEDS HERDS		
Lassua Rage o	MIL MIN CHEE	BET-	Marc	cons.	IDIAH-		Gran	í a		Pras	W O	op.		SALT			Salt		
Present return,	Next preceding return.	Of last year.	Present return.	Next preceding return.	Corresponding return of lastyper.	Present relatin.	Next preceding return.	Corresponding return of last year.	Present teinin.		Next preceding return.	of last year.	Present r turn,	Next preceding ref in.	Cares pouding return of last year	Present tesara,	Noxt praceding relutin.	Cerresponding return of last year.	DISTRICTS

BENGAL. Western Districts 18, Ch. S. Ch. S 19 8 30 0 20 4 120 0 120 0 320 0 13 5 13 5 12 10 3 0 2-15-74 3-0-9 Durdwan, 24 0 24 0 70 0 17 12 18 0 17 12 240 0 320 0 280 0 12 4 13 D 12 U 3 2 3-1-8 3 3-0 Bankmers 16 U 18 O 18 U 120 O 120 O 130 O 13 9 13 9 13 9 2 14 2 14 2 14 Mooghly. 18 0 :18 0 10 4 | 80 0 80 0 80 0 13 0 13 0 13 0 13 0 2 14 Howal. Control Districts. 21 5 18 19 17 12 100 6 100 0: 90 10 ... [18 0 14 0 | 2 12 | 2 12 | 2 12 | Calcutta, 17 8 17 8 17 8 100 0 90 6 80 112 13 12 13 13 5 3 0 0 0 0 2 14 24-Porgunnaha, 22 15 22 1 20 0 11 101 11 101 11 101 3 0 3 0 3 0 Nudden. 0 10 0 10 6 80 0 80 0 180 0 181 0 12 0 12 0 10 8 | 8 2 3 2 | 3 4 Khoolms. 22 8 22 8 18 0 120 0 120 0 120 0 120 10 12 10 12 11 0 3 2 3 2 3 2 Jestoro. 411 14: 17 6 16 6 19 0 180 0 100 1 100 1 12 0 12 0 11 8 3 4 3 7 Dinagepore 17 0 20 0 17 3 100 0 100 0 110 0 10 0 11 15 11 14 3 12 3 4 3 6-3 Rurgpore -401 10 8 19 11 15 8 60 0 60 6 71 4 2 0 12 0 12 0 3-5-1 3-5-4 3 2 Bagen. 911 101 ... 23 8 23 0 18 4 200 0 200 0 200 0 12 0 12 0 12 0 3 9 3 9 3 4 Pabua. 11 0 10 0 18 0 18 0 18 0 10 0 8 0 8 0 100 0 100 0 198 0 8 0 8 0 8 0 4 8 6 4 8 Darjeoling. 10 U 128 U 128 + 128 + 12 4 12 4 11 0 3 4 3 4 3 1 Julpigoras. Eastern Districts. 10 0 10 0 17 4 80 0 00 0110 018 0 12 10 12 4 3-1-6 3 2 3 4 Daces. 17 0 17 U 18 D 120 U 120 0 120 0 12 0 12 0 11 8 3 2 5 9 3 7 Furrendpore. 19 8 12 8 12 4 8 3 3 3 3 4 Mymensingh. 10 0 15 8 15 8

The retail price of sait was at Haggings 115 seems and at Nitpore 10 seems per rupos.
The retail price of sait at Nattors was 12 seems per tupos.
In the sub-divisions the retail prices at sait per supressers — Gaihanda 16 seems, Kurigram 13 seems and Nilphanari 12 seems.
The retail price of sait at variginings was 13 seems are rupos.
The retail price of sait at Valuest a in Appir sub-division was 10 seems, and at Silligense 10 seems.
The retail price of sait at Valuest a in Appir sub-division was 10 seems pre-rupos.
In his say divisions the retail prices of sait per rupos were — Manickonings 12 seems, Maniaripors and Runga 12 seems, and ting In the sub-divisions like retail prices of sait per rupos were — Maniaripors and Runga 12 seems, and ting In the sub-divisions the retail prices of sait per rupos were — Patoschink 100 seems. Perupoper 11 seems and Indultineers.

PRICES-CURBENT of Food-grains, Firewood and Salt in the

																	M	ET.	AIL	BA	LE :	-QUA	NTITI	ES PE	R KUF	EE BY	TH.
			W's	EBAS			1	BAR	LET.		R	ice,	BHS	2 84	ort.		Ri	CH,	cole	MON		BULEN	ви Міј 1900. В	LUT-		T MILL	
	DISTRICTS.	Present return.		Next preceding return	orrespanding return	of last year.	Present return.		Next preceding refurn.	Corresponding return		Present resure.	. oxe preciding retail.		arresponding tetura	Ot last year.	Present return.		Next preceding return.	0.00	of last year.	Present return.	.Lt preceding return	Cor esponding return of last year.	rreamt refurn.	Next preceding return.	Corresponding return
4	tern Dietricis (Zonelu	idəd.																								
1		14. C	h S.	Ch	.19,	Ch	s, Cl	8.	Ch.	S. CI	1. 8.	Ch.	9.	Ch.	IS. (Th.	3. (Ch.	8. c	h. 8	Ch	8. Cb.	S. Ch	4. Ch.	8. Ch.	S. Cb.	8. 0
-	Chittagong	6	0 14	. 0	10	0	***		***		18	0	-13	0	14	0	17	0	10	0 8	1 0	*4*	100	***	to*		
	Noakholly	IC		194	,	**	***		***	**	15	0	10	0	90	0	17	0	8	0 3	9 0	+43	***	+04	444	488	140
6	Tipperah	13	6 15	5 4	11	6		i	+#+	***	15	10	15	4	18 1	9	18	12	29	0 2	1,8	440	**1	41)	114	001	+60
	Chittagong Hill	16.0					101	Ì	***		:13	ő	18	5	19	4	10	0	14	8 1	3 4	944	447	169	***		100
	Traces. Hill Tipperals BEHAR.	19	0 15	0	10	0	***	į	***	464	14	0	14	0	10	0	17	0	10	0 2	0 0	141	161	****	560		10
-	Patna	20	0 20	0 (21	0	19 0	21	. 0	29 19	11	4	11	0	14	0	18	0	14	0 1	6 0	100		pds	140	140	04
	Gya	16	8 11	6 0	-18	9	20 C	9	1 0	24 (9	4	9	8	19	0	12	8	18	0 1	5 O		***	9894	101		1
	Shahabad			8 6	10	tn 0	}22	0.2	9 8	46 (9	0	9	0{	11	0	}1	a o	18 0	${1 \atop 1}$	to	}21 (92 0	98 0	***	and	01
	Durbhungs	1	9 1	7 8). 10	0	19 1	4 1	A 11	***	9	16	10	0	13	U	13	4	14	4 1	6 0		***	-	***	6 100	
	Mozufferpore		,	7 (18	0	20 (1 2	0 0	28 (10	0	10	0	12	0	13	U	18	0 1	8 0	169	191	444	194	*** 4	
	Sarun	18 Z	8 1	6 12	17	0	99	1 2	2 6	36 6	8	0	В	()	10	0	12	0	12	8 1	0	224		494	\$3 8	26 0	30
	Chumparun		0 1	0 0	19	0	114	193	3 0	32 (10	B	10	₿	13	O	13	0	12	0 1	7 0	664		66.0	***	409,	
}	Monghyr	19 1	12 2	9 6	18	9	21 (0 3	1 0	27 1	111	8	11	0	18	16	19	18	13	1 1	8 0	194	109	100	pmq	000	
	Bhagulpore	18	4 1	7 10	18	ð	20 8	8 (2)	во	24 (19	0	19	0	15	2	13	14	13 1	4 1	7 10	100	**1	nee	004	***	
	Purusah	14	0 1	8 0	18	Đ	010		***	664	18	0	18	0	15	0	14	0	14	0 1	7 0	***	1 100	947.4	10.0	-	
	Maidah		0 1		16	8			Pot	e#1	11	0	11	0	14	8	14	0	15	0 1	7 0	141	000	+00		404	
	Southal Parge.	13	0 1	8 0	14	0	000		494	0.00	19	8	,19	8	16	0	15	0	15	0 9	9 0	16h	101	600	***	+	
	Cuttack	18	6 1	B 12	13	9	***		401	***	18		18		13	9	18		15 1	8 9	1 0	***	***	Apa		160	1.
	Pooree	18	9 1	1 19	13	0	***		eq.	*#4	1.8	9	18	8	91	0	17	1	18	0 3	8 10	004	has .		100	468	
	Balasore	16		6 0	16	0	11 (1	1 0		-18	0	13	0	16	0	90	0	90	0 2	8 0	144	193	-	101	000	
6	CHOTA NAG	POu	E Age	ney,																			1				•
	Hazareebagh	12.	-		14	0	16	0 1	0	20	10	0	10	0		0	19	0	19	4 3	6 0	*		-	105		1.
	Loburdugga	18	0 1	8 (15	0	19	0 1	9 0	80	0 18	0	18	0	16	0	10	0	17	0 1	2 0	***	100	-	000	400	
3	Singbhoom		0 1	.0	18	0	123 ·	0 4	3 U	33	U 380	0	30	0	36	0	34	0	14	0 4	0 0	000	198	190	240	100	
	Manbhoom	13		4 1	0 13	0		,	101	100	19	B	14	0	17	0	19	0	18	8 2	S u	400	-		***		

⁽a) The price of rice to the interior ranged from 19 seers 11 chittacht to 26 seers 6 chittacht per repec.

If The total price of self at Cox's Besse was 9 seers per rupes.

U In the interior the retail price of salf ranged from 9 to 11 seers per rupes.

V In the sub-divisions the retail price of salf per rupes were:—Johannbornsh and Chaudpere 12; seers.

W In the sub-divisions the retail prices of salf per rupes were:—Johannbornsh and Chaudpere 12; seers, Newada 10 seers.

X In the sub-divisions the retail prices of salf per rupes were :—Buxar and Sasserson 11; seers, and ithablus 11 seers.

Y In the sub-divisions the retail prices of salf per rupes were:—Inpute 11; seers, Maddubant 11 seers.

Y In the interior the retail prices of salf ranged from 10 to 12 seers.

Districts of Bengal for the Fortnight ending the 31st July 1884 .- (Concld.)

PER MACE PER MACE	NICHT
Salt.	· - ·
Present relatin.	Corresponding return of lack year.
Rattori	Particles - (Conglu
1 d at d at .	Chittagong.
	3 2 Noakholiv.
!	
	il 6 Tipperali.
1 * 1	6 0 Chittagong H Tricts. 3 4 Hill Topperal
	DEHAR
8 8 8 2	3 0 Patna.
3 4 3 4	8 6 Gyn.
3 1 3 1	3 1 Shahabad.
3 4 3-1-0	
	3 to Moztifferpore.
	S d Saran.
3 7 3 7	3-1-9 Monghyr.
2-15-0 3 p	
,	, , , , , , , , , , , , , , , , , , , ,
3-13 6 3-13-(6	3 8 Purnadi.
8 2 3 2	3 4 Maloah.
2 15 3 8	Southat Pergi
	OLISSA
2 12 2 19	2 12 Cuttack.
3 0 9 6	2 12 Puoren.
3 ; 3 8	4 0 Balanore.
Smith.	CHOTA NAGEORE. Western Frontier Ag
3 12 8 13	
4 0 4 4	\$ 7 Lolardusia.
6 7 6 7	б в бидонобии
	3 lo Manbham.
	O TO TESTIONISHIN
000	pools 10 segue

Meteorological Report of the Province o.

				_					171.76	RON								
				Ark F	REST	RE.			,	Гимги	KATUK	Β.	Ì	Немп	oltt.	Cac	CD.	
	DISTRICT.	Representative	highest, 10 A.M., berometer read- ing of nonth.	Lowers, he was a lower to a respect to a second of money the	North 19 Like	None reduced	Carintina from normal a can.	Helicat of a	Lowest of month.	Mean daily mark- mous tempora- ture	Menn daily mini- mon temp me- lure.	Me in daily tem-	Variation from norms mean.	dean, 10 A.M., humidity.	tarialism from	Mean cloud	Variations from normal mean, 10 a.m.	
		Gopalpora	201677	29 37h	291555	281603	_	9674	75°H	8546	80.8	8512	_	80		6'4		
	Pouree}	False Point*	1007716		7291569			8115	74:0	87th	78'0	85.9	-0.4	83	-2	8'6	+07	
	Cuttack	Cuttark	29'0 13		201012			ptrp	7013	8912	78.5	50'0	-0.5	73	-6	70	+01	
į	Halasore	Balgaore	201657	20:331	19'525	20%83	_	92%	76.7	873	75'5	151314	_	61		7-ы	_	
1	South-West Midnapore		29.608	201985	2.01564	\$9.250	-1023	D2 5	77'6	B714	90.3	82.8	6)	84	0	8'5	400	
Ì	and South 24-Pergun-	Marie Land							+	1		i						
ļ	Midnspere	Midnapore	58.942	29:301	59,430	20.220	-	01.3	74°H	8912	7810	8316	-	NO.	-	7'2	-	
	24-Pergumnalis, Howrah, and Hooghly.	Laleutta	. , guros7	5914.3	79.200	\$97690	→*():\d-:	B3.41	75'7	879	7513	931)	-0.3	85	-3	er to	+1'0	1
Ł	Burdwan	Burdwan	201000	201936	10,101	491690	-1011	95°C	75%	90'7	79.4	65.0	+0'2	76	-В	819	+0'1	
	West Burdwan, Ban- koors, and Brerbhoom.	Rangunj	20/3/6	281129	29.150	-	-) (12)	7418	50.0	78'0	84'3	-	79	-	6.9	-	
ı	Moorshedabad	Borhampore ,.	#F638	297410	291531	59,259	- 005	94'0	70.7	90'5	7819	8617	-0.5	82		P:3	+0.0	1
	Nudden						Open	untory :	hii nin	rted.								
	Jessore and Khoolna	Jessore	297074	\$ 29.420	29'576	\$1.000	- '0003	82,3	7618	84.3	7911	19612	+0.1	8:1		9:2	+1.0	į
	Chittagong	Chittagong	19:725	20.446	29.265	211488	+ '007	801	75 0	8419	701	6010	-1.0	84	-2	7.3	-0.1	
	Chittagong Hill Tracts	Demagri	-	-	-	-	-	84.8	69.2	8610	68'4	77:2	-218	-	-	6.7	+27	
	Hackergun)	Harrisal	29'715	29:515	59.012		i – i	89.1	27.1	8573	73 1	84019	-	87	-	8.0	-	
	Noakholly	Norkholly	59.810	201567	30 ave		-	8916	75'3	86.2	77'0	8118	-	Ва	-	77	-	ı
	Furreedpore	Furredpore	291694	29/457	87.251		-	00.2	75'9-	67"0	78.0	63.5	-	RI	-	Q.D {		ı
1	Dacca	Daren	29'701	291462	40.014		+'017	D1'8	70-1	8915	78*8	83'0	-0'1	85		6.9	8.1—	١
	Consmillah	Commillah*	29.730	291470	59,412		-	51213	76°B	67'4	7018	82.2	-	7	-	4/3	mpp	ı
	Mymensingh	Mymeosingh	1	210.444	29'5%3		_	82.9	7011	85'7	77 N	88'8	-	1	-	7.7	-	1
	Bogra and Pubna	Serajetuj .	201665	20'448	29°516		-	05.1	76'2	83.1	7911	63'3		86/3	~	744	-	Į
	Rajshahye	Rampore Beau- leah.		F11.2288			-	55.0	75'0		17.6	93.4		80	-	\$10	-	l
	Dinagepore	Dinageporo	200605	EM:CON	20 863		-	2016	77'1,	80,7	79'0	2.78	-	80		678	b	Į
	Rungpore	Rungpare .	2017/00	21/1947	29/38/ 29/36/			\$1614	76'0	80.9		64:1	-	86	_	6.3		I
	Julpigoros and Cooch Belier,	Julpsporce			1	gy tipa	-	0,00	1	1	70"	83.1	-	2947	-	5'5	-	ı
	Darjeeling H Tracts	Darjeeling*	05.b70	55,850	22'807	-		78(1)	40.0	64.9	24.9	01.9	-	80	~	8.9	_	I
	linguipore.	Porneali	29'571	311.31.0	29147h;	70 001	- (001)	Dia 7	7519	91.1	27'6	8616	-0.4	83	2	87	+1,8	Ì
	trinkrilers. (Mozufferpore	201414	201287	30,457	-	-	96'5	75'0	48% D	17816	18013	-	185	-	6.9	-	l
	Mazufferpore and Dur-	Durbhnuga	29'637	29/318	29:433	29.659	+ '010	92.8	77.5	90.1	79'5	85'0	+0'5	8.5	U	816	-10	ļ
	Chumparum	Motiluri	19.451	201228	291363	20.924	-	7/3.2	7113	91.6	7818	84'9	_	76	-	57	-	ı
L	Sarun	Chupra .	29*477	201081	29:395	-	1/0	3159	77'0	80.8	79'4	85*1	-	38		5.8	-4-9-	
	1	Arrah	291656	191257	20 359	2011/16	-	9516	77:1	64.0	7015	85.2	_	711	-	51	-	č
	Khahabad	Dohreo	201296	207110			1 1	9014	7110	\$86.P	\$77.0	168/3	-	175	-	61	_	Ì
	{	Buxar	20.416	SELEM	29:333	20.917	-	88'9	75'5	89.7	787	8817	-	76	-	716	-	
	Gyn	Gyn, .	#P1220	20.013				96'7	78'3	2.56	77'5	6814	+018	72	-8	1010	+1'9	
	Payne	Bankipore		57,201	20'411		1 1	88.0	78'2		60.0	8618	+911	79	-1	7'5	6"0	ĺ
1	South Bhagulpere and Mongliff.	Bharalpore	29:516	201297			-	91'9	76'6	9010	7618	88.8	-	79	-	4'4	-	
l	Southal Pergunnalis	Naya Doomka	x0°171	281972	20°085	1	-	94'6	73'8	80.4	77:8	88.6	-	91	-	818	-	
1	Hauarlough	Husarrbagh	. 27'd87	27'485	27:510	EH-550	001	88.0	71.8	86'6	22.8	79'0	-0.9	83	-1	919	+019	
1	Lohareugen and Mon-	Hanchee	27:571	27'341	27-479	20.224	-	, 63'9	40.0	83'7	78'&	1716	-	56	-	918	0 -	
- A	Singuhoom ***	Chainas .	25 913	351650	#81504	-	-	61818	74'8	87'9	76'9	8814	-	79	-	818	-	

Bengal for the month of July 1884.

			DIST	RICT OBSE	B1371058								
				Bainpa	J.T.								
	1	Of month.		1		Sine	озав Ми	5 1684.		Representativ	0	DISTRICT.	
Menn of dis- trict.	Normal mean,	Variation from mean.	Number of	Normal reconstrum, lier of many days,	Heart of dis-	Sermal mean,	Familion.	Mann num. dais, dais,	Second tops Bornel tops Bo	wittlijijs.		200000000000000000000000000000000000000	
	_ 1	_		1	- 1	_		-		Gopalponi			-
13'01	12'79	-1°33	18%	16.5	19107	51.15	- 600	32:1	31%	Palso Point	3	Pooroo	49.
9-55	12178	-3:11	1713	16:3	81100	24 30	-3'Di	80.0	31.0			Guttnek	1
16:45	13:68	+0.80	1613	1510	271-65	24/04	+ 3'41	84.5	3.591	Ratusore		Halasoro	100
20'42	13'28	+31+	253	1919	82.84	27.63	+521	90.0		Saugor Irland	*41		GP0
	12.17	+371	18'0	17'1	93-45	£1188	-0:41	30-0	3310	Midnajoro	111	Matauran	
16.88	12.40	-220	2212	21%	28:41	25/31	-293	40:1	43.5	19 . 1	1	24-Perguansia, Hows and Hospily,	rah,
-6*77	10148	-3160	15:0	17'9	17:95	21180	-6'01	8010	300	Bordwan		Burdwan	
10.97	18:85	~1 '88	25'3	1979	38/47	25,01	-717	38%	3916	10	197	44-	m 21-
7'97	1076	-2.20	10.3	16.2 (17189	22165	-640	\$666	80.0	Berhampere .		Moorshedalad	+111
7'16	10'48	-5'52	15.2	17:7	18'98	\$5:66	-6.00	33°H	871			Nuddon ne	9.65
8.77	11'53	-2.30	1810	21'3	2770	27 48	+0.45	38'9	417	Jensoto .	-	Jessore and Kheelna	10.7
- 21'88	31 62	-0.01	28'6	25/8	50123	67160	-8.50	6310	8311	Chittagong		Chittagong	501
9186	10.05	-0.10	27-0	2017	31.74	45133	-8157	5516	547	Donneri .	4.	Chittagong Hill Trac	t III
18:00	18'07	-1'67	B [®]	25'4	4157	4270	-0°93	4819	52°H	Barraal	.	Backergunj	260
19'73	23'43	-570	2510	25'3	45'89 1	59152	-12'44	48'6	Buth .	Nonkiully .]	Noekholly	9.01
8:01	12:36	- 4:34	16.7	20°B	23'01	21/10	-5188	29.0	4511	Furreedpore .	** [Purroudpore	463
6198	14/04	-5'06	21'0	20'2	20-47	20.04	-3:49	40.2	48H1	Bacca .	91	Ducas	0.07
18-93	14'22	-1.59	22'0	22.0	30102	36/30	4 6.32	4513	4190	Commillah .	**	Commillah	010
7:87	16'24	-6:37	19'5	20.3	30158	35180	-6,55	4411	45'0	Mymensingh .		Мушепяцияв	184
8'78	12:09	-3'36	16.3	1716	22193	28/14	-5121	3313	3972	Semigunj .		flogen and Pubna	
6.75	1196	5'16	17:7	15.2	20.01	25119	-5:15	3911	37*3	Ramporo Beat louit.	20 -	Rajohaliyo	044
7 68	13166	-576	1715	18/3	2436	20-81	-4780	374	27.40	Dungepote .		Dinagopore	***
9'32	14/97	-3165	1418	1516	31133	48172	-11130	40%,	3500	Bungpore .		Кипкроге	
1491	19:71	-6'80	18'1	2018	20.13	10 01	-5:15	50.5	52.0	Lulppores		Julpinores and Con Behar,	ŀ
35'36	89:18	-3:00	89.8	2613	66*23	64/63	-18.40	5275	8.03	Darjeeling	-	Darjeeling Hill Tract	B
7 13'16	13'99	-0.83	15'6	37'K	2676	28111	-3:30	32%	32'0	Mozufierporo	}	Furneal and No Blagulpere.	rth
6:16	11:36	-3:20	13.0	1416	15'90	20:32	-6.45	2510	2517	Darbhunga .	, F	Mosofferpore and D.	UF-
11'66	11'78	-0.52	15.0	13.5	21'06	20194	+0.08	2411	2510	Motibart	1	Champaruu	
7.75	11,70	-396	14'8	1670	18'08	10'37	-0.97	2510	ชกาบ	Chupra	1	Harun	711
7'26	11:79	— 6 °5€	1375	1714	10'46	17'66	-7'42	123	156.1	Buzar	11	Shahabad	.,.
616	13140	- 5'84 }	13'6	15.6	10:37	10.93	-915	2411	2517	Оун	1	tiya	.,.
6'06	11.08	-6°20	15'5	16.8	12:77	19:92	-715	27'8	28:0	Bankipore		l'atna	149
7106	12789	-5197	26:4	18:4	18:67	20.51	-6.94	28.0	3114	hhagulpore ,		South Rhagulpore a Monghyr.	ad
8108	18'70	-4/06	30.0	18.0	16'57	2377	-7'36	36.1	20.1	Naya Doomka.		bouthal Pergunnaha	
8948	18'10	-2.68	22.0	23'6	39.13	2276	-8'62	3413	3917	Hazardach .		Hasarifisgh	-
30'66	13108	-2:53	2216	47.0	16'97	22'44	-6:37	36'a	191			bhogn.	
19'90	16'83	+8'77	2810	21'6	2173	26'80	-1:47	60'0	43:2	Chaibassa .		Singbhoom	"

Table of Rainfall recorded at Stations

teorotement division.	District.	Station.	1	3	3	4	8	6	7	8	9	10	11	10	13	16	18	16	27	15	19
SSA 11;	Poores	Poorse Klurdah Banpur Palse Print Rockstola	1:72 2:15 0:90 0:27 0:21	013 007 023	0.00 1.72 0.17	0.05	0,40 0,40	0.13	0°01 0°57 0°05	0.40	0:27	8°48 8°30 1°69 0°45 1°13	0'72 0'67 0'29 0'15 0'60	0°16 0°07 0 05	0°19 0°43	0.08	0:77 0:07 0:52 0:01	0'49 0 22 0'50 1'27 0'94	0.83 0.91 1.00	0°08 0°88 0°84 0°43	0°57 0°68 0°56
	Cuttack	Jaratsingpore Bank: Cuttack Kendrapara Jappore	1140 1146 1111 0124 1111	0°05	0°30	0114	0163 0105	0.30 0.10	140	***		6'48 2'80 1'80 2'01 1'85	0°15 0°07 1°25 0°44 0°62	0.18	 	0.03	0°12 0°31 0°07 0°37	0:35 0:84 0:06	0:32 0:17 0:26	0.42 0.43 0.43 0.83	0.10
	Balsaore	Chandbali Bhuddruck Sorah Balasore Jellasore	0124 0134 4108 2160 2 (8 0129	0.18	0:04	0.1050 0.1050	TOTAL STATE	0'47	***	0'45	0150 0150 0104 0124 0 20 0 20	1111 0130 0 05 0147 0120 1123	0°31 0°35 0°36 0°28 0°10 0°68	0.01 0.10 0.20 0.20 0.35	2'20 0'41	0°10 0°62	0°07 0°32 0°06	0°14 0°50 0°30 0°17	0'86 0'80 1'00 0'20	0:08 0:20 0:07 0:20 0:35	0'84 0'01 0'03 0'03
PM-Winz	Midnapore	Contai Rauger Island Tuniook Midnapore Ghatal	0151 0134 0117 0104	0 10 1'50 1'91 0'36	0.195	6156 6118	141	0'37	1.59	0.58	1015 5 00 1 15	0152 0135 0140 0140 0195	0.08 1.53 1.80 1.47 1.12	0°90 0°93 1°83 1°22	0°11 0°07 0°43 0°48	0.75 0.13 9.00	6'90	0°17 0°22	0°14 0°17 0°20 0°16	1-82	0'48
	84-Pergunnah	Diamond Har- beur. Alipore Jail Sarrackpere . Dum-Dum liamaet	0'41 0'18 0'29 0'35	0°10 °00 0°14 0°14 0°14 0°14 0°14 0°14 0	0°65 0°08 0.54 0°54	0.10	0184 0188 0170 0162 0162	000 000 000 000 000	0 17	0.23	0:77 0:46 0:59 0:00	0°55 0°55 0°55 0°56 0°28	1/83 0/45 0/45 0/48 0/90 1/10	0.23 0.23 0.65 0.65 0.65 0.65	0:46 0:30 0:05 0:05	0°80 0°14 0°21	0°38 0°26 0°41	0°03 0°24 0°18 0°50 0°14 0°03	0.21 0.31 0.11 0.11	0°19 0°11 0°ep 0°35 0 16 0°07	0'01
	Hooghly	Howrah Mohesreka (thiberish). Remupore Hooghly	0.10 0.10 0.42	0116 0116 0103	0.33 0.30 0.03 0.03	0 4 A	0 1g	0.00	660 161 684	0°08 0 12	0 08	0'26 1'19 0'72 0'72 0'45	0:24 0:85 0:45 0:87 0:64	0'80 0'71 0'97 0'27 0'27	0108 0108 0108	0.14 0.62	0.40	0°21 0°39 0°26 0°17 0°41	0.31	0104 0107 0115 0120 0196	0.00
	Burdwan	Jehannbad Culna Burdwan Cutwa Rane-gunge	0 16 0 22 0 15 0 45	0:11 0:11 0:40 1:20	0.77	***	9:81	0°27 0°43 0'30	0.09	0.33	1:30	0.02 0.23 0.23 0.93	0'61 0'10 C as	0'38	0.43	0°22 0°14	0.99	0.33	0.13 0.10 0.10	0.30	0.79
-	Bankoora	Bankoora Binkenpora Muliara Khatra Rh, Soory	0.00	0°52 0°94 1°14 3°00 0°31	1°16 0 19 0°16 0°73 0°13	0103	0.67	0.23	*** *** ***	0'55	0.77 0.12 0.61 0.61	0°25 0°25 0°25 0°75 0°75	0°55 0°39 0°14 0°31 0°32	0°45 1°33 0°03 0°34	0.11	0.16 0.82 0.01	0/21	0'46 0'51 1'58 0'14	0°25 0°49 0°35	0°17 0°16 0°08	0.12 0.13
	Nudden	Hetampore Hongong Ranaghat Kishnaghar Chieadanga Menorpore Koohica	0154 0126 0127 0108	0°60 0°67 0°67 1°02	1°36	0.22	0°32 0°98	0 97 1 at	0°38 0°13 0°37	0'60 0'58 1'03	100 100 100 100	0.29 0.39 0.39 0.50	1:10 1:20 0:87 0:30 0:21	0.12	0145 0145 0142 0136 0135	124 020 020 020 020	200 112 107 103 113	1°10 0°15 1°31	0'16 0'01 0'15 0'15	0.45 0.45 0.67	1°90 0'72 0'03 0'10
	Khooina	Satkira Bagulast Khoolna	0.74 0.14 0.12	1983 67-\$6 0-8(4	1112 0177 2120	0120 0178 0103	0'15	0:11 0:84 0:27	0.00	1'10 0'11	6+h	0.52	0.81 0.81 1.53	0'00 1'07 0'40	0.48	6'0d	***	0.99 0.93 0.99	0.87	0°03 3°86 0°75	0'47 0'80 0'05
	Jensore	Jessore Jheodah Magoomh	0.52 0.14 0.14	0.30 0.32 0.32	0°57 0°20	0.07	0'04 0 66	1°40 0°14	0'06	0.35	***	0°05 0°85	0.29 0.29 1.88	0.18	0.02	0'80	0.10	0:11	0.13 0.19 0.04	0:81 0:29 0:17 0:14	0-03
	Moorehedabed	Kandi kampore Haut iterbaugoro Lattageh Azingunge Jung paro Laigus	0°23 P'04 9'21 9'35	1135 0145 0175 1145 0101 0135 0108	0°21 0°78 0°78 0°75 0°19	***	0.30	072 041 122	11	0.47 0.48 0.48 0.35 1.42	0°12 1°87 0°28	0 61	0°10 0°70 0°55 0°55 8°21 0°51	0'01 0'17	0.11	100 100 100 100 100 100 100 100 100 100	+00 +00 +00 +00 +00 +00 +00	0.07 0.37 0.07 0.13 0.13	0°04 0°43 0°17 0°22 0°46	0.10 0.10 0.10	0.04
BRRUAL	Chittagong Hill Tracts.	Cox's Barar Chittagong Rangaminti Rangaminti	1:76 0:17 0:16 0:15	8100 1783 1763 1776	8:27 6:27 0:33 0:55	1.20 11 14 11.32 11.12	0°50 0°54 0°57	0.41 0.41	1146 0156 0118 0127	1.08 0.75 0.25 0.25	60.0	0.11	0°53 0°38 0°03 0°14	0167 0159 0143 010	1'74 0'25	0°00 0°63 0°06 0°67	0°62	0.22 0.13 0.32 0.38	0.40 0.13 0.20	0.33 0.33	0.03 0.03 0.03
	Backergunge	Patuakhally Pengepore Hurmai Bhola	0°17 6°60 0°68 0°64	0 40 0 70 2 15 1 Att	u'40	9'00 2'74 1 47 6'30	9120 0126 3180	0'80 0'80 0'77 0'94	0.12 0.12	0°30 0°30 0°18 0°19	0106 0191	0.40	0'99 0'83 1'10 2'63	1-60 0:74 0:00 1:45	0.02	1.44 0.0H 0.0H	1731	0.18	0°30 0°30 0°53 0°36	0'80 0'75 1'83	1'80 0'72
	Noakholly	Neakholly	0.21	1105	1188	1167 3120	1:19	1160	0.40 0.40	1'27	***	0120	0.10	9'69	0.41	0°92 0'38	0.30	846 617	0.12	0189	019.6
4	Parreedpore	Haderpore Furresdpore Goslundo Humbusunge	0°17 9°50	0°56 0°36 0°96	0°03 0°39 0°57	1195 0 04 1112 0 70	0.80	0'47	0:40	***	414	0.09 0.09	0141 0144 0180 0180	0.71	0'74	0.00	60-0 60-0 83-8	0.11 0.11 0.11 0.59	0.00	0°5% 0°57 0°35 1°06	0'12
	Cemilla	Duera Narmingunge Manickgungs Comitin	0117 0108 0108	0.34 0.82 0.34	9°56 0°41	0.92 0.22 0.43	1148 0167 0130 2128 0165	0.90 0.10 0.10 0.10	0.11 0.18 0.00 0.98	1'40	500 600 -1-1	0.05	0°15 0°16 0°16	0°74 0°36 0°15	0'05	0°58 0°58 2'81	0156	6/35 6/19 6/65 6/62	0'05 0'16 0'08	0°38 1°76 1°23	0.13
	Mymenningh	Chandpero Brahmanberia Kianoregungo Atia Mymenangh	0.10	0'80	0°25 0°68 1'45 0°10	0 73 0 73 0 0 6 0 43 0 45	0.13	1'30 0'47	0°50	0.09	0104	1.02	0.45 0.45 0.45 1.61 0.15	0'98	0.33	1'10 0'32 0'04	100	1°07 0°60 0°79 0°79	0.12 0.02 0.02 1.32	0°22 0°23 0°23 0°25	0'16

Replanation - indicates that no rain has fallen. If the return for any day has not been received, the corresponding space in let

Bengal in July 1884.

81	23	23	34	25	26	27	28	20	30	51	Number of many	Average number of rathy days.	Total rainfall for the month.	Averne rathfull for the month,	Henviral minfall, during the month.	Total rainful from hadranty to 21st	Average minfull from fat January to 31st July 1804.	Sintsen,	District.	Methorblogical division
0.03	2°G& 0°11 0°14	0°04 1°78 0°35	6°10 6°05 0°62	1.40 7.11 9.03 9.03	1737 q'08	0.11	***	0'50 1 01 1'23 1'68	0.03	0°07 0°20 0°67 0°73	10 23 12 21 20	1111 0119 1514 1775 7	11'59 11'28 9'11 12'09 6'66	10145 13108 11-17 14:25	2°09 5°86 1°50 1°78 1°10	25°41 25°05 18°08 23°07 18°07	54.03 54.02 58.00 58.00	Poure, Khurdali, Hanpur Palse Ponti, Hookitola,	Pooree	ORIGIA.
0180 6185 0108 0156	1°30 0°20	0.70	0 20 1 un	0135 0150 0168 1167 1169 [0.14	8r 19 0°36 0°25	9°05	1156 : 1157 1157 1121 0180 :	0108 0104 	0105 0105 0154 0150 0178	16 15 16	15°1 22°3 12°8 14°8	11.74 15.08 0.00 6.80 8.20	10 140 12 166 11 107 13 80	4188 2193 1183 2101 1183	20047 24 36 347 7 44 33 24747	2011/03 2011/03 27 24 1417/4	Jagotsingpore Racki. Posta, k. Kondrapara, Jajpore.	Outtack.	
#1501 C	2:10 0:38 0:05	0'77	8'00 6'71	0.15 0.15 0.15 0.15	0106 01 5 0130 2105 0103	0°28 0°25	0104 0100 0127 0127	3167 1118 1150 5-12 1100 1140	0130 0165 0175	0.30	20 14 16 19 15 20	1877 1776 1776 1975 1677 9376	14/80 6/21 11/22 19/1 19/07 14/78	13:27 12:57 12:64 11:30 16:11 15:62	3722 1 82 4708 572 570 471	3 111d 20000 20100 40100 40104 2017 53 54	90 By 51 27 55 37 56 35 51 35 51 35	Chandball Blandcrack. Soralt. Balastre. Jollastre. Harpodali.	Balasore.	
1778 2744 1730 5.70	0.22 0.35 1.00 0.61 0.48	0°97 1°01 0°27 0°04	0.40 1.10 1.00 0.05 0.38	2:03 4:44 1:04 0:58	0103 0104 0140	***	0.82 0.28 1.20 0.71 0.31	9186 1 37 9 89 9 33 9 13	4150 0147	0.102 10.50 0.50	21 22 12 23 10	10.1 10.5 13.9 50.6 10.1	15°13 2 - 01 11'60 42'64 13°61	16785 16705 11770 1130 14.43	2793 5990 1760 4391 3394	37 48 44 75 59 6 1 45 05 20 40	34'10 34'10 34'21 34'89 52'00	Contal Sangar Island, Tumbode, Mistasporo, Ghatal,	Midnapore	South-What Break
0°04 1°46 1°00 1°33 1°21	0'06 0'75 0'88 0'07 0'07	0°38 0°36 0°74 0°74	0.50 0.30 0.45 0.45	0.43 0.43 0.49 0.49	1748 0702 0.60 1.10 0.45 0.55	0,64	2°14 2°60 1°16 1°75 0°14	0.02 0.07 0.95 0.95 0.95 0.95 0.95	0110 0168 0105 0160 0160 0180	0°35 0°02 (800 (800) (800)	25 19 27 21	50.7 50.5 52.0 52.0 50.4 54.4	17113 12127 9113 13128 9115 9141	19°26 11°16 12°17 10°10	2:05 2:14 2:00 1:51 1:75 1:54	\$2.01 91.70 99.10 33.48 51.64 86.25	34'30 ; 31'40 ; 32'30 ; 30'07 ;	Diamond Har- bour, Alip or Jail, Barrackpore, Don-Dum, Barrace, Buscerbal,	21-Porgunualis.	
172 134	10105 0102	0.40	0101 0138	0167 I	6785 0 02		0.82	U 43 1	0.81	630	23	21.2	8 10 9170	12:70	1'74	27180 8/190	34'7h 33'57	(lowrah Muhesreka, (Oulberiah).	Howmh.	ļ
0°94 1°63 1°57	0.88 0.88	0.15 0.15 0.39	0.07	0.07	0147 0155	***	8188 8181 8105	1730 6702 0715	1/55 · 0/65 · 0/85 ·		21	26'1 21 6 19'2	12 73 10 42 7 14	12:59 11:55 12:01	2002 3000 1000	36726 26755 22754	32:52 44:33 31:84	Strampero Hooghly, Jehnnahad,	Hooghiy.	1
0 80 0 50 0 56	0.35	0.08	020	0114 0176 0136	***	3	gras 0730 0730 0743 1779	0:10 0:17 0:25	0 45 0 45 0 61 0 21	0.00% 0.40% 0.00% 0.00%	13 15 14 23	1 a b	7 16 57.50 57.50 10197	10:50 12:21 9:75 12:38	2 24 1 1 1 0 0 1 1 7 s	21 NA 10 10 25 n b 22 30	20 03 81 20 20 13 27 14	t'ains Burissu. Gutwa. Lineegouge.	Burdwan.	
0133 0138 1116 016	0.15	0°15 0°65 0°16	0.40 0.40 0.75	0'65 0'63	0.51	0.40	0°28 0°28 1°68 0°16	0164 6720 6735 6711	0160 (0122 0120 0137	0°11 0°11 0°35	27 22 10 25	10°6 10°6 19°0	12.85 10.59 10.15	12:03 11:03 11:07 15:14	1170 1133 2166 3106	20/50 19/59 24/01	30149 31197 20101 31178	liankeers hishenpure. Malara. Khatra.	Bankoora.	•
trus	136.0	0.01	0.04	0'66	***	**1	0'90	0.05	0.57	0.30	20	2017	9196	12:61	1'90	21'04	25'05	Bh. Soory Bottempore.	Beerbhoom.	-
1 16 1 10 6 21 6 21 6 59 1 32	0,10	6112 6112 0106	0°20 0°17	0.10	0183 0117 0163 0164		0°18 0°08 0°39 1°72 0°33	0°45 0°45 0°05 0°08	0.50	0.725	11 10 17 19 16 18	1515 1515 2010 1714 1717 1619	8:00 6:73 6:73 8:24 8:00	9:76 9:50 9:41 9:74 10:76	1788 1790 0.97 1781 1.72 1.38	26106 27166 2518 27175 23180 30170	30.77 30.77 31.74 53.00 31.01 35.73	Honsons Runoshot, Kishonshor, Chandrosa, Mehriporo, Koonlitas,	Nutdea.	
1°84 1°35 0°75	6120	0.10	0.31	0.10	1700 1/8% 6/61		0.73	0186 1176 911#	0°83 0°84 0°61	0.78	21 20	21.2	10°41 16°45 14°53	10/85 11/71 12/00	1/31 2.55 2.20	\$4140 \$4130 \$4140	37 (64 44 19 35 52	Satkira Baserbot. Khootaa.	Ehonina.	
0°85 1'02 0'59	0.97	0 06	0.06	0107	0165 1125 0160 0160	***	0:38 0:11 1:00	0175 0175 0135	016 (0.35 0132	0,09	12 21 19 13	23°6 23°6 18°0 22°1	6'01 6'66 7'39 5'17	9 36 11 31 9 5s 10 35	0.05 1 Ed 1.44 1.44	20/37 44:08 85/64 33/52	777 4.7	Narati dassore, dienutah binggarah,	Jeanore.	1
0°97 0°94 0°52 1°57 1°56 0°48	0.07	0°25 0°16 0°16 0°11 0°00 0°05	0.01	0°33 0°05 0°38 0°7 0°38 0°22	0.91	0°85 0°41 0°02 0°10	1'30 1'34 1 55 1 55 1'55	0.92 0.42 0.31 0.31 0.11 0.00	0.22 0.22 0.41 0.41 0.41	111 111 111 111 111	16 10 10 10 10 10 20	20°5 18°1 10°0 17°0 19°6 18°7 18°1	7'04 8'04 6'49 7'61 11'3: 127 8'20	11:76 10:33 10:23 9:82 9:83 10:86 11:05	\$135 1736 1767 1757 1755 1760	10 72 17 60 22 63 23 62 24 65 18 76 4 27 63	\$ 655 \$6.55 \$9.55 \$9.55 \$9.75 \$0.75 \$27.55		Moorstelabud	
0.11	3 70	0:33	6005 6005	1'50	0130	0144		0154 0123	0.10	0.1#	30 27	31.4 50.5		39 199 21 177	5 27 2 30	N. S. Cor No. of 1	6,197	Cox's Hazar	Chittagone ,	BART SHEGAL.
0163 0165 0165	0°16 6°16	0.07	0'14	0106 0138 0123	0'17 0'15 0'68	1'57	0.20	0°00 0°85	0'90 1'18	0.08	27 24 10	2817 1915	12:09 23:06 9:00	15'01	1120 2125 1167	\$40 m. \$00 m. \$00 m.	64 116 F 45166	Rangamati, Ranga Agartula,	Chittagone Litt Tracts.	
1'60 6'12 1'50 2'00	0.05	0°74 0°02 0°12	1'40 0'30 0'35	1190 0135 0106 0106	6'07 6'20 6'8å	0°50 0°12 0°14	0.30	0169 0103 0109	0.13	0°80 0°04 60°0	10 16 25 25	201 2216 2617 2010	14:05 14:07 14:07	22.14 15.50 16.55 15.36	2.00 2.73 1.88 4.30	60027 60027 60033 62019	62/31 45/45 45/45 45/45 57/45	Patnakhally Ferozep re, Barrisal, Block.	Backerpunge.	i .
0.12	0.9p 0.bts	0"54	0.18	1119	8-39 0.49	1.87 5.12	0145	0.30	0.11	0.03	23	20.0	23:30 16:16	20.41	3,55	61:57 7-720	62 60 71 50	Nonkholiy	Nonkholly.	
1199		1°11 0'35	0.10	0°15 0°15	0.11	817	1 186 2 82	0'02	0'90 0'11 0'37		10 10 20	21.4 21.4 19.7	6169 8189	1873 19 70 1870	1°25 1°95 2.38		43:70: (11-0) 33:63	Madaripore Eurrecapore, Goulundo,	Purreedpore.	,
0185 1100 6100 1100	0'04	0105 0105 0105	,	0°33 0°27 0°35	0181 0100 8810 051	0'35	0.26	0.07	0:45 0:45 0:43	0.03	20 23 19 20	1919	8183 5193 6 70 917	12,80	1 46	40 KE 1 01128	1 48757	Munshigunen Da ca. Naraingunge Manickgungo	Daera.	
0147 01,5 0.44	1	1		0147 (ITIS - 8151	9.00	0'80 0'05	0.03	0'78	0°18 0°10 0°43	0105	26 10 24		11108	19785 15754 11766	2:54 a:50 1:30	\$3.72	68°80	Comills Chandpore, Brahmanberis	1	
0160 0160 0 30 0 30	0151	100 mm	orev ored	0113	 0°40 0.11	0.92	944 004	0'st	0'75	0.13	16	2111 1616 2211 1812	7141 7125 6121	13741 11705 16 88 13751	2°29 1°45 1.55	61106 25195 97 05 6073	23°63 39°45 59°36 59°36	Kinhoregunge.	Mymenningh.	,

black. If some of the returns are wanting, the corresponding spaces in the total ramiall columns are left blank

Stations

deterrological division.	District.	Station.	1	2	3	٠	b	6	7	1	p	10	11	12	13	14	15	16	17	18	19	
																						-
ORTH BENGAL	Pubna	Pubna Serajgungo	0.18	9:01 2:15	0,50	0'51 0'08	0.50		0.20	0*24	***	0.12	0,25	0.03	0.12	***	114	1.00	0'30	0.27	0,08	
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Not received from

METEOROLOGICAL OFFICE, BENGAL,
The 11th August 1884.

Bengal	in	July	1884-concluded.
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"25th instant.

John Elion,
Meteorological Reporter to the
Government of Bengal,

METEOROLOGICAL AND RAINFALL SUMMARY OF THE PROVINCE OF BENGAL FOR THE MONTH OF JULY 1884.

The month of July is one of the most important of the year from a meteorological point of view. It usually witnesses the complete establishment of the two great branches of the monsoon current. So far as Bengal is concerned, the Bay of Bengal branch is the It advances from south-west or west-south-west over the south of the most important. Bay, and is gradually deflected as it proceeds northwards up the Bay by the line of the east coast and the adjacent hills. It hence blows most strongly over the eastern half of the Bay, and gives rise to much rain and squally weather in the neighbourhood of the Burmah and Aracan coasts. As has been pointed out more than once in previous reports, the south-west monsoon winds are by no means steady. They blow vigorously for a few days, giving more or less general rain, then fall off in strength, when the rainfall is more or less local in character, and again come up in force. The succession of periods of strong winds and general rainfall, and of weak winds and local rainfall, is one Each hurst of strong winds appears to of the most important features of the rains. mence in the south and centre of the Bay, and travels northwards along the eastern half of the Bay, giving rise to rain-squalls and frequently to large atmospheric whirls or eddies, or small cyclonic storms in the front of the advancing strong air and moisture current. These whirls hence form generally near the head of the Bay, and pass landwards, very shortly after they give indications of their existence by the shifting of the winds in South-West Bengal to directions between north-east and north-west. Their passage into the interior is followed by the prevalence of strong humid winds over the Province. It depends to a large extent upon the character of the whirls, that is, whether they are concentrated or diffused, whether the rainfail that accompanies them, falls mainly in the neighbourhood of the track of the centre, or is widely distributed over the greater part or the whole of the Province. There is a very marked tendency for these small cyclonic storms to pass landward across the Balasore coast, and if this tendency is increased by the persistence of relatively low pressure in Orissa, it may happen, as during the past month, that a succession of these storms may form in the same part of the Bay, and advance towards the same part of the Orissa coast along the same path.

The Arabian Sea branch of the monsoon current exercises a considerable influence on the rainfall in Bengal and Behar during the month. It usually advances almost due west across the Bombav coast and the north of the Peninsula; and hence meets and intermingles with the Bay of Bengal branch near its western and southern limits in Orissa, Chutia Nagpur and Behar. The area over which this interaction takes place varies greatly with the relative strengths of the two currents. Over this area there is undoubtedly much ascensional motion of the air, which necessarily produces aqueous vapour condensation

The Bay of Bengal branch of the monsoon current, if it alone prevailed, would undoubtedly deposit its vapour as rain chiefly in the neighbourhood of the sea coast. and the hills of East and North Bengal and North Behar. The Arabian Sea intermingling with the former tends to give rainfall more especially to Chutia Nagpur, South Behar, and West Orissa, that is, to those districts which would receive scanty rain from the direct action of the Bay of Bengal branch. In other words, the action of two branches combined in ordinary seasons is to give fairly uniform rainfall over the whole also Province. This explanation also indicates briefly the probability that the area of minimum rainfall of the Province will be situated in the central districts of Bengal, which are least influenced by the two chief actions giving rainfall to the Province during the month.

Hence the two most important features of the meteorology of the month are, first, the character and intensity of the two branches of the monsoon current; secondly, the occurrence, character, and paths of the small cyclonic storms of the month.

occurrence, character, and paths of the small cyclonic storms of the month.

Average distribution of the rainfall in July.—The average rainfall of the month of July exceeds twenty inches in the coast districts of East Bengal, and also at the foot of the Assam and Darjeeling hills. The line of twenty inches hence runs parallel to the north-east coast of the Bay, '.a distance from the coast increasing castwards. Another portion of this line runs nearly east and west parallel to the Darjeeling hills and immediately to the south of the Julpigoree and Cooch Behar districts. The line of fifteen inches average rainfall starts from Saugor Island, runs nearly east-north-east to the neighbourhood of the Tipperah hills, when it bends and runs to the north-west through Bogra and Dinagepore. Between this line and a line running from Motihari in North Behar almost due south-east parallel to the fifteen-inch line to Baimehal and theree. Behar almost due south-east parallel to the fifteen-inch line to Rajmehal, and thence North Behar almost due south-east parallel to the fifteen-inch line to Rajmehal, and thence through Jessore along the borders of the Chutia Nagpur district into South Behar, the rainfall varies between twelve and fifteen inches. In the area occupied by the central districts of Behar, almost enclosed by the twelve-inch line, the rainfall varies between twelve and ten inches. Within this area there are two smaller areas of interest: the first is the area of absolute maximum average rainfall of the month, which includes the Jessore district and a considerable portion of the Jessore, Nuddea and Burdwan districts. The average rainfall of this area varies between nine and ten inches.

The second area includes Patna and Behar in which the average rainfall slightly eds twelves inches.

The Chutia Nagpur Division and the adjacent districts of South Behar received an

The Chutia Nagpur Division and the adjacent districts of South Behar received an average rainfall between twelve and fifteen inches.

*Character of the two branches of the monsoon current.—This can at present only be judged roughly. The Bombay branch has been undoubtedly weak, and is confined within narrower limits than usual. It has given very scanty rainfall in Ceylon and Southern India, moderate rainfall over the greater part of the Bombay Presidency, and heavy rainfall over the Central Provinces. It has had very little influence over the rainfall of Bengal and the greater part of the Gangetic valley. The Bay of Bengal branch has apparently been slightly weaker than usual. It has extended over a larger area, and hence has given less rainfall over the greater part of the area it supplies than the normal. Its direction in Bengal has been modified by two circumstances—first, the weakness of the Bombay branch of the monsoon current; and secondly, the persistence of unusually low pressure in Orissa. This has caused the winds in South Bengal to blow from directions much more easterly than is usual, and hence has helped to drain away the directions much more easterly than is usual, and hence has helped to drain away the moisture from North Bengal and North Behar. The chief feature of the south-west monsoon current during the past month has been the unusually large number of feeble rushes up the Bay. These have all commonced and advanced up the eastern half of the Bay. These have all commenced as strong winds in the south of the Bay, he eastern half of the Bay. They all gave rise to squally weather and rain off the Burnah and Aracan coasts, and to much eddying or rotatory motion in front, and developed into feeble cyclonic storms near the head of the Bay. Five formed and passed landwards during the month. All crossed the Orissa coast. Four out of the five crossed the same part of the coast in the immediate neighbourhood of Balasore

Barometric depressions and storms of the month.—They were six in number, of which five formed near the head of the Bay, and the sixth in South Bengal.

1st.—The first storm formed at the head of the Bay in the last week of June. It was briefly described in last month's report. It advanced across the Balasore coast on the 1st of July, and passed through Chutia Nagpur and South Behar in the North-West Provinces. It gave moderately heavy rain to the whole Province until the 6th and 7th. The rainfall was heaviest in Behar.

2nd .- The formation of the second storm was indicated on the 5th by a rapid fall of the barometer at Akyab, and on the 9th by the usual shift of winds in South-West Bengal. It crossed the Orissa coast on the afternoon of the 10th, and marched westwards across the North Orissa hills into the Central Provinces. It gave general rain to the whole Province from the 11th until the 13th, which was heaviest in the western districts of South-West Bendard and in the 1st hill the 1st h gal and in Chutia Nagpur.

8rd .- The third depression of the month was indicated by a rapid fall of the barometer at Akyab on the 14th. It formed rapidly, and advanced westwards, crossing the South Orissa coast between False Point and Gopulpore on the afternoon of the 15th. It brought

Orissa coast between False Point and Gopalpore on the afternoon of the 15th. It brought moderate supplies of vapour into the Province, and gave general rain on the 16th and 17th.

4th.—The fourth depression began to form at the head of the Bay on the 18th. There was apparently little strength in the southerly winds feeding it. It did not develop any further until the 20th or 21st, and continued in almost the same position near the Sandheads during that interval. It increased in intensity on the 21st, and passed across the Balasore coast on the evening of the 22nd. It was broken up by the North Orissa hills, and gave very brief and moderate rain to the Province, except in the North Orissa and Midnapore districts where heavy rain was received. Midnapore districts where heavy rain was received.

5th.—The fifth whirl of the month began to form on the 24th. It gained strength

very rapidly, and advanced across the Balasore coast on the morning of the 25th, in less than 24 hours after it first influenced the winds on the Bengal and Orissa coasts. It brought It brought up larger supplies of vapour, and gave heavy rainfull chiefly in East and South Bengal.

6th.—The heavy rain which followed the advance of the last cyclonic storm gave rise to small land-formed depression in the Jessore district on the 28th. It advanced slowly westwards across he Burdwan and Midnapore districts into Chutia Nagpur and South Behar, and thence into the North-Western Provinces, where it filled up. The centre was near Calcutta on the morning of the 29th. It gave moderately heavy and general rainfall ever South Bengal on the 28th, 29th, and 30th.

Temperature - The characteristic feature of the weather of the past month was the large number of feeble rushes of south-west monsoon winds up the Bay into Bengal, each giving two or three days of moderate and fairly general rain, separated by intervals of three or four days of warm sultry weather. Hence the temperature varied rapidly, and within wider limits than is usual in July, more especially in Behar and North Bengal. High maximum temperatures were bence registered during the month. Amongst the highest were the following :-

Motibari 99.7° on the 20th 99.0° on the 19th 98.7° on the 18th Rancegunj Gya . . . 98 0° on the lat Putna 96.8° on the 21st Mozufferpore *** ...

The period from 18th to the 21st was very bot and saltry over the greater part of

Rainfall. - The rainfall of the past month was considerably in defect over the greater part of the Province, and was very unequally and irregularly distributed both as to time

and locality.

It has been already pointed out that the monsoon was weak during the past month, and that it brought up rain in moderate amounts by a succession of feeble inrushes. Each large influx of aqueous vapour was preceded by the formation of a small storm near the head of the Bay, which advanced westwards across the Balasore coast, and hence tended to draw the rainfall to the areas over which it passed, and therefore to diminish the rainfall over the more distant portions of the Province in Central and North Bengal and North and Central Behar. A reference to the Meteorological Tables will show that the deficiency in the rainfall was due almost entirely to the lightness of the showers, and not to any marked decrease in the number of rainy days. For example, in North Bengal, where the rainfall was nearly 38 per cent. in defect, the number of rainy days was 17, the normal

The following give the periods of general rainfall in the Province during the month, and represent the periods of influx of aqueous vapour, and of aqueous vapour condensation

and ramfall over the Province:

First period from the 1st to the 3rd, when heavy rain fell in Orissa and Midnapore.

moderate rain over the remainder of the Province.

Second period from the 5th to the 5th, when moderate to heavy general 'rain occurred in East and North Bengal and Bohar. Some large amounts were registered in the Julpigori and Cooch Behar districts and in North Behar, of which the following were the

Siligori on the 5th ... 6.5 inches. Gopalguage on the 7th... 5.71 inches.

Matabhanga on the 7th... 5.97 .. Hajeepore ,, ,... 5.01 ,,

Third period from the 10th to the 13th, during which rain was received over the whole Province. It was heaviest in the western districts of South-West Bengal and in Chutia Nagpur.

Fourth period from the 14th to the 17th, when moderate rain fell over the whole Province, except in the central and western districts of Behar.

Fifth period from the 19th to the 21st, when moderate rain was received in Orissa,

East and South-West Bengal, Chutta Nagpur, and the Southal Pergunnahs.

Sixth period from the 24th to the 26th. The influx during this period gave heavy rain in North Orissa and light to moderate rain over the whole Province, except the western disricts of North and South Behar The following were the largest falls recorded during this

... 5:00 inches on the 24th | Baripoda ... 4:71 inches on the 24th.

Saugor Island ... 4:34 inches on the 25th.

Seventh period from the 26th to the 20th, which gave moderate to heavy rain over the whole Province, with the exception of one or two districts in Behar.

Some heavy rainfalls were received on the 28th in Bengal, amongst which were the

following .-

7.65 inches. Siligori 4.26 Darjeeling . . . 13 Hooghly 8:91 3.64 Azimgunj . . . • 0 • Bhagulpore

The distribution of the rainfall of the month is so irregular that it is not possible to describe it accurately. The rainfall exceeds 20 inches ou the Bengal coast, and in Julpigori and the greater part of the Cooch Behar district. Over a comparatively narrow area in North Bahar North and East Bengal South Bengal Court Bengal Co North Behar, North and East Bengal, South Bengal, Orissa and the southern districts of Chutia Nagpur, it varied between 20 inches and 8 inches. Over the whole of the interior, including Shakabad, Gya, Patna. Monghyr, Durbhunga, Mozufferpore, the northern part of the Sonthal Pergunuaks, Maldah, Dinagepore, Moorshedabad, Burdwan, Nuddea, Rajshabye, Bogra, Pubna, and parts of Rungpore, Mymensingh, Furreedpore, Jessore, and Dacca the total rainfall of the month was less than eight inches in amount. The following small arear in the large area included by those districts had less than six inches of rain during the month, and hence represent the districts of least rainfall during the month.

First.—The area covered by Sasseram, Jehanabad, Behar and Nowadah in South

Behar.

Second .- The area represented by the stations of Maldah, Pakour and Mohadebpore in North Bergal.

Third .- The area represented by Magoorah and Narail in S.uth-West Bengal.

The rainfall of the month was in excess over a large part of Orissa, the southern districts of Chutia Nagpur, the Midnapore districts of South-West Bengal, and along the Pengul coast from Sangor Island to Noakholly, and locally in the Purneah district and at the foot of the hills in the Cooch Behar district. It was in defect over the remainder of the Province. The deficiency was most marked over Central Behar, Central Bengal and the Mymensingh and Dacca districts of East Bengal, over the whole of which it exceeded four inches. The deficiency exceeded six inches in the following areas:

— First.—The area represented by the stations of Behar (where the deficiency was 8.8 inches), Nowadah, Jehanabad and Sasseram in South Behar.

inches), Nowadah, Jehanabad and Sasscram in South Behar.

Second .- A small area represented by Mozusterpore in North Behar.

Third.—An area represented by the stations of Bogra, Jamalpore, Mymensingh, Kishoregunge, Moonshigunge, Magoorah and Madaripore, and hence including the greater part of the Bogra, Mymensingh, Dacca and Furreedpore districts. The deficiency in this area was greatest at Mymensingh, for which it was 8.7 inches.

Fourth.—An area represented by the stations of Dinagepore, Rungpore, Dinhatta, Cooch Behar and Matabhanga, and including a large portion of the Dinagepore, Rungpore and Cooch Behar districts. The deficiency was greatest at Kurigram, for which it was 10 1

Cooch Behar districts. The deficiency was greatest at Kurigram, for which is was 10 inches.

The following table gives full data for the comparison of the actual and the normal rainfall of the month of July in all districts of the Province. The figures are derived from the average and actual rainfall of the rain-recording stations in each district, due allowance or weight being made for the area which each station represents. This gives a more accurate average, than the arithmetical means given in the weekly and monthly meteorological tables. The first column gives the normal or average district rainfall as determined from the rainfall observations of the past 15 years. The second column gives the actual district rainfall as determined from the weighted actual rainfalls of the month at the reporting stations in each district. The third column expresses the ratio of the actual district rainfall of the past month to the normal rainfall as a percentage. The fourth column gives the same information as the third column in a slightly different form. It states as a percentage how much the district rainfall of the month varied in excess or nefect from the normal rainfall, and is hence the difference between the numbers in the nefect from the normal rainfall, and is hence the difference between the numbers in the third column and 100:—

pivisios.		Detre	1.		Normal district camfall, duly.	Actud district rainfall, July 1881,	Percentage of actual to normal ramfult.	Percentuse excess (+) or defect (+).
	,	Pooree		1	11:20	11:20	100	0
ORISSA)	Cuttuck		444	12:40	1031	75	-25
ORIBBA	1	Balasore	101	4.5	12.69	12.75	190	0
	(Midnapore			12 46	19:50	157	4-56
		24-Pergunnaha			12:84	12'08	494	-6
	1	Howrah		**	12.89	10.89	H.I.	1i
		Hooghly	4 6. 6	9.8.5	12:08	10:04	83	-17
		Burdwan	4.0-1	1+1	11:65	7 98	68	-31
SOUTH-WEST BUS		Bancoora	401		12-41	11 50	03	- 7
COURTH- AS REL DING	WAL. S	Beerbloom	+++	4.1	12:61	9:96	79	-21
		Moorshedabad		***	10:61	7:79	74	1
		Nuddea	* * *	1111	10:15	7:10	70	-20
	1		4 11 4	**	10:35	6:33	61	-30 -39
		471		. [18 02	12.80		
	1	Khoolna	D 0 4	}	19.03	12.90	118	-2
	(Chittagong	5.0-4	861	27.84	10:56	70	-30
		Backergunj	0.04		18:65	15:86	85	-13
		Nonkholly		110	20:09	21.87	101	+.8
EAST BENGAL		Furreedpore		***	12.57	7.96	63	-38
WWW. 12172-71-11-11		Ducea		***	13:22	8 45	64	-36
		Comillah		444 1	15 64	13:92	80	-11
•	-	Mymousing	411	444	14.17	H 25	98	-12
	r	Pubna	144	(ku:07			
		Bogra		110	14:28	\$1500	63	-37
		Rajshaliye	124	4+4	11:78	7:30	62	344
	Į.	Maldah			10.42	5:59	63	17
NORTH BENGAL	11.5	Dinagepore		4	12:11	7:66	63	-37
		Rungpore		1	14/48	8.78	61	-39
		Cooch Beliar	***		20:53	14:00	GB	-32
		Julpigori					4+1+++	
	9"	Purueah			15:37	12:41	113	+13
		North Bhagulpore	111	***	11.59	7 18	62	-35
2		Durbhunga			10:90	6.70	62	35
NORTH BREAD	∛	Mozufferpore		** .	10.74	9.23	86	-14
	1	Chumparun	0.4 0		11:78	10.22	5911	-11
	1	Sarun	104		11/24	9:93	83	-17
	L.	Sajun	417	***	****		1	.,
	ſ	Shahabad	***	1 4 5	12:02	7:32	61	-111
		Gyn	+ 0 a		11.71	6.85	59 54	41
SOUTH BERAR	- 1	Pubna		**	11.59	6.22		- 17
WILLIAM PARTIES	****	Mongleyr		8 9 8	11:48	7.91	69	(1)
•		South Bhagulpore		4.02	10.83	7:30	67	
	1	Southal Pergunnalis	4 = 0	***	12 30	842	68	-32
	61	Hazaribagh		***	12.72	7-78	61	-39
CHUTTH NAGPUR):	Lohardugga	***	***	12:66	10:79	81	-13
CHCLIP WARLIE)	Singbhoom		10-	14.54	18:13	125	+21
	()	Manhhoom			11:36	11:21	100	()

1414 SUPPLEMENT TO THE CALCUTTA GAZETTE, AUGUST 13, 1884.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the Province for the month of July 1684:—

					*	CHEP	RATUS	III.				R	AIRPA	LL.			
				wonth.	month.		mout h		of month above	(Of snot	ith.	Rais	y day	0.	Ninas	184h
Markohologica2 Divisions,			Bighost observed during wanth	Lowest observed during	Of highest of each day.	Of lowest of each	Of mean for each day.	Average mean of month or below normal mean of	Aremee.	Normal average.	Variation.	Averge number in month.	Normal average name ber in month.	Variation.	A THERROD.	Normal average.	
Orisan South-West Bengal East Henral North Henral South Heliar South Heliar Chutta Nagpur	- 5-1 - 5-1 - 5-1 - 5-1 - 5-1 - 5-1 - 5-1 - 5-1 - 5-1	934 934 844 844 844 844	200 200 200 200 200 200	95'8 59'0 95'3 94'4 59'7 56'7	74'6 76'8 88'2 75'1 71'8 71'0 68'P*	87:6 89:4 80:7 80:5 91:2 90:0 83:6*	78'0 78'8 76'3 77'9 78'7 78'6 73'0*	83°3 86°1 81°5 83°7 85°0 44°3 76°3°	-0.3 +0.1 -1.9 -0.1	12:10 10:04 12:71 9:85 10:29 7:46 10:81	13°10 11'69 17'02 14'56 12'30 12'15 13'17	- 1'00 -1'85 4'31 4'51 -2'01 -2'01 -2'30	18:1 19:2 21:7 17:1 18:9 10:3 21:7	17°1 19°2 14°2 15°6 17°6 21°3	+1'0 -0'6 -0'8 1'1 -1'9 -1'8 +04	23-28 22-04 36-47 32-34 10-52 13-60 16-02	24 96 44 96 44 96 35 12 22 76 22 76

· Chyebana not included

METEOROLOGICAL OFFICE, BENGAL,

The 12th August 1884.

JOHN ELIOT,

Meteorological Reporter to the Gout. of Bengal.

Results of the Meteorological Observations taken at the Alipore Observatory from 3rd to 9th August 1884.

!	1	i	bright	meter	1 -	Camera	ATUNE			Hrezo	MUTHT		Wind.			
Mooth	445	Marianum in sun.	Number of hours of	Mean presents baremeter at \$2" Fabr.	Mean.	Maximum.	Range.	Minimum.	Mean wet bulb,	Vapont tension.	Dew point.	Humidity	Frevilling direction.	Miles Pecondari	Itain,	WRATHO
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, ,	, őt	h 160°1	3.2	*489	82 8	86-1	7-9	78-2	79:5	*969	78-2	87	SE and 8	70	Nil	O, p. Chiefly of
14	, GL	h 166.0	8.8	.40-1	83.1	87.4	8.0	79'4	60 9	-890	78 1)	87	S and SSE	72	U-04	Chiefly olo
le	78	h 163.9	8.4	-201	84.9	89.7	10.8	79-2	±0° 6	1986	78'8	83	887	70	Nit	Chiefly cloud
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že	Dt	lı 150 6	6.8	*693	88-3	89.0	11:3	77:7	78 8	*030	77:3	86	SE by E and ESE	86	d-Ma	Chiefly clou
	The The	total r maxin mean	um he	er of hoossible	ours of th	f brig	ht su hour	nshins of s	e uushi	ine		***	S G.'s Office	.01	. 2	7:3 1:2
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Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No 86 formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables 111, 1V, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions of the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o overcast, g gloomy, d drizzling rain, t thunder, a dew, < lightning, p passing temporary showers.

JOHN BLIST,

METROROLOGICAL OFFICE, INDIA, Calcutta, the 11th August 1884.

for Meteorological Reporter to the Government of India.

Meteorological Report of the Province of Benga

											STATI	on obe	BRVAT	ONE.					
						At	h Phess	enn.	Win	D.			Tı	MPRBA	rc'na.			Miley	Other
	DISTR	ict.		Representations.	ite	Mean terometric heads, 10 a M.	Menti redisced to see-level.	Variation from	Prevat but direc-	Mean wind velo-	Highert during work.	Lowest during seek.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily tota- perature of week.	Variation from normal mean of week.	temperature.	Average bus at 10 A. M.	Average cloud amona t
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il	Dacca Commiliah	861		Commiliah	***	30,810	20 046	-	38	9010	89.4	73'3	96'6	76'4	81'6	-	9213 (9	- 61
П		201	**	Myntenengh	***	231565	_	_	SE	126	91/8	77'0	89'7	77'9	8318	_	84'0	BI	9
	Mymenmeth Bogra and Pu		**	Remigunge		59'577	29.633	_	Ŀ	13915	8014	77'8	88.5	78'9	88'9	_ 1	83'8	8.3	
			01	Bampure Beau	alonh	211419	29:572	-	E	out of	90.8	7516	68-1	77'6	82'8		8810	78	7"
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	Dinagepore	614	91	Rungpore	101	201602	191696	_	SE	11279	D6-9	77'8	91'9	7816	86-1	_	86°B	78	61
li	Bungpore	843	***)	24 ************************************	101											i			41
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Ċ i	Durbhunga	107	442	Durbhauga	**	291455	291600	+ '032	Raid	120	9616	79'0	90'0	900	8613	+019	87'3	77	
П	Chumparus	101	84-	Motihara	i	XD:301	20'668	-	Jls i	£17°8	97'1	77-0	84'0	7918	80'9	-	8011	70	6
ш	Serus	901		Chupra	201	201384	_	_	B	73:9	9010	78'0	98'3	80'8	86'8	_	87'7	70	8
1	20(6) (* 1044B	931		Delireo	46-	\$9°\$03	29'583	-	ESE	180'7	90'4	77:0	67'1	90-6	88'9	_	86'5	77	0
	Bhahabad		{	Buznt	1	\$91830	291666		B	out of	9314	77'7	89.4	79°8			87'4	76	8
	PRESTORE	(100	}	Arrah	44-	29'363?	2915641		ESE	Order.	96.9		93'4		84:6	_	87'3	70	. 7
I,	0		0	Gyn	440 1	39:100	29.946	7	Calm & E	2	97'8	75'6	94.8	8018	86'8	1			- 6
ш	Gyn.	904	661		411		1		E			76'3	ĺ	77'8	86'8	+2'2	6818	73	10
	Patna Fauth Shamir	+4+	981	Выкірого	***	391409	\$9.PRI	~ '015	-	137	97-8	78'8	98'7	8018	87'8	+212	8718	76	6
ш	South Bhaguir		*** }	Blingulpore	(2#18057	\$212071	-	ESE	70 6	UB14	78:0	9814	78'37	84'82	-	85'5	17	3
	Moughyr	no h)	Double	1	ebasson 4			011	231		-	-						
	ionthal Pergu				,	391955	-		88	20.	90.1	22.9	85'6	77.8	91519	-	53.2	91	4
	Husaribagu	+67		Lincorribugh		271890	20'674	'U\$7	22.5	354	87.9	71.7	8616	78'8	28.0	+07	79'0	80	10
	Lohardurga	***	}	Antiplace	2.0.4	27.470	29'577	-	- 1	-	8614	70%	0.89	78'7	7719	- 1	79'1	81	8'
	Manhhoom	444)	41-	-													-	
1 8	ingbhoom	400		Chychases		\$81843	-	- 1	NE	49.4	8010	75'7	8813	78:7	86.4	nate .	8318	77	T

Explanation.—Supersory.—'The normal means of air pressure and temperature are the arithmetical averages or means of the reading during the same The Assaultry of the attrosphere is expressed as a percentage, saturated air nem; represented by 100. A clear sky is denoted by 0 and an overcast sky attons ramifall," the normal means are the numerical means or averages of the ramiful in that district determined from the returns sent in by the sub-divisional stations in the district sending in returns, divided by the number of stations. A rainy

for the week ending Friday, the 8th August 1884.

				5)11	BTRICT OBN	DEL VIIIO					-1				
					RAIME	A Like					1				
atrop	Of we	ok.	Bin	ica lst of mo	nth,	Bir	100 18th M	ıy.	number of days.	imber kyn.	Representa	sivo	DISTRI	OT.	
observing stations.	district.	Normal Inten.	Mean for district.	Normal ments,	Variation.	Mean for destrict.	Normal mean.	Variation,	Average m	Normal number of rates days.					
-53	-	-	-		-	-	**	-	-	-	Gopalpora	}	Foores	***	41
-88	0.99	3:12	1156	3.60	-2.00	20106	87174	-7190	3.0	2.0	False Point)		***	41
-01	3168	8-10	2.20	3.34	-0.88	22°P6	27163	→4'87	810	8:9	Cuttack	157	Cuttack	1 140	1+
197	3'37	8*07	8188	8.78	-0.12	31-25	27.79	+3.40	2.0	4 0	Balanore	***	Balasopp	6412	0.1
BE.	\$*65	3.67	2165	4:07	-1 41	85'17	21,12	+3'6:	3.4	511	Batucor Islami	{{	South West	ii idaa unna!	
38	1:86	8'53	1.88	418	-3.93	94'85	\$8.03	-3'18	313	418	Midnapore		Midnapors 74-Perguanah	***	41
-77	1,12	8'00	2.19	3.22	-1.40	24.85	29788	-4.35	4.8	8.3	Calcutta		Howrah Hooghly	940	40
-77	rn	2126	191	2:79	-1:68	18/94	24159	- 5:45	3.	61	Burdwan	,,,	Burdwan	000	9.0
78	1'60	2'81	1'50	3165	.a =1°95	20.08	120.00	9:41	3'3	4.0	linnigunge		Herrikoom West Hardway	114	0 81
			1						1.49	818	Harden	Ĺ	Moorahedahad		901
103	0.90	2.83	0161	3152	-3*01	16:40	25' 54	-7°D5	1.7	818	Reclusipore	100	Nuddea		444
	0'83	2.79	0.81	2 04	-1782	19762	20'02	- B.WO	3.0	9"	19489		Joseph	171	984
*88	1'25	2-82	P44	3:46	-8:03	28.99	30'95	-2.73	413	4.0	Joseph	{	Киоріна	100	111
100	0.00	8.81	6100	6,90	-0-86	65:24	24105	-8'91	8.9	818	Chittagon/	80+	Ohittagong	464	444
76	2128	8'40	2'20	6 25	-2.88	37'02	49136	12'56	6.0	9.0	Domagici	411	Chittagong Hi	Il Tra	88o,,
67	2.28	6'18	2185	4:97	-2'01	44.10	47°G4	-5'58	4'8	6.9	Harrisal	***	Backergunge	404	100
43	4.90	6.00	4'80	6'85	-2.83	52 30	65 12	-12.65	Ø.0	0.0	Noakholiy	111	Noakholly	Apr	611
59	1:84	3'24	1.88	3 40	-8:11	25'92	83'33	-8:31	3'7	4.7	Farreedpore	40-	Furrendpors	901	4.0
100	1'66	8:17	1150	8196	-2:40	28:03	35166	-7'61	9.9	418	Daoca	9.94	Discen	494	111
4.2	7.40	4:13	1'49	4'87	3'#A	87'80	41129	5 133	31.2	513	Commillah	***	Commillah	***	
21	1'48	2'66	1163	8118	-1'78	84 80	28.192	-6'75	4.0	415	Mgmonsingh	-	Mymonsingh	244	601
115	0.39	2123	0.16	2.00	-1.84	21'67	30'76	-7:09	2.7	8.0	Semjgunge		Bogra and Put	Ma	0.00
50	0186	2-20	0134	291	-2.23	20.18	28109	-7'¥0	2:7	612	Вашрого Ван	tiloali	Rejohanys	819	0.04
86	1'04	2.20	1.04	2.76	-1'72	25'02	82108	-0:46	3.5	2.8	Вимкероге	*7*	Dimmepore	dag	ðe s
1.5	1:05	2'84	1+35	2'61	-1.00	82'43	45738	-12:91	2.9	9.18	Lungpore	411	llungpore	7 84	***
8	2'80	2.00	2*88	5.26	-8128	67'62	66.18	5:37	8.0	4.7	Julpigores	{	Julphrumo Coven Heliur	100	000
	p to 0	7'84	6.06	7:93	-0°97	78'48	93'53	-19105	3.5	5.0	Darjeoling	911	Darfedlag Hil	Dirit	
*84	6 96		0.00	, 00							44	(Parnoch	191	991
29	0.21	3106	0:87	8147	-2'90	25121	31'57	-6.59	2'8	51.11	i'uraesh	{	North Business Mozuffurpora		700
781	0.56	2120	0.26	2:60	2'84	16'81	\$2.85	-6 71	1'3	8:0	1-urblaungs	{	Durbhings	POG	400
701	0185	1'69	0168	3:29	-171	21.27	23'53	-1:75	0'7	2.0	Motibari	***	Chumperus	894	09.1
796	0.93	17:23	0.03	2149	- 117	19:99	21186	—8:3H	8.0	3.3	Cnupra	147	Natural 1	100	
יפר			11.4								Delunie	}	Siminhad		
-11	1160	2189	1:40	8-19	-1.79	11'57	21'07	- 9:20	3:5	3.6	Arrich	}		âqà	bor
*35	arna	2.98	0:06	30%	-100	11'81	21'57	-21.06	2178	2.11	i uya	4.6-	Gyn	19-3	164
146.1	0.08	5.58	1'87	2.43	-126	16:14	2.757	—8°63	2'8	9.8	banispere	* + -	Patns	481	984
'87	1:37	. 23	2.01	2.00						4.6	Manager		south Blagoly	12470	1001
193	0.48	8768	6'73	2.53	-5/10	16 13	23:47	-7'84	216	40	Bungulpore Doomka	{	Monghy: Sontial Pergui	 apskar	Rps.
181	6180	8'76	1:01	215	-2:13	17/61	27/54	9'73				44.	Razaribagu	412	
192	8'78	3-18	2:76	876	-104	16'89	26 33	- 11°03	9.9	8-1	Lanctonga	1	Louistanica	198	
123	7.00	3'48	1100	4185	-8.49	17'66	26169			3.		4	ушинован	****	***
6-01	8196	3125	8196	6198	-0,80	27'8:	29:47	-1795	6'0	6:8	Caroners	-4-	undanong	***	191

period for the past one year. The variations are segatise when the mean for the week is less than the corresponding normal mean, and possible the period of the same than the part of the six of the same than the period of the same than the part of the six of the same to the same than the period of the same to the same to the same than the period of the same than the same to the same to the same than th

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 8th August 1884.

						ALBYAL		_	1 -	Tol		Total rain-		-	ATOMERO
detecrological desisten.	District.	Blation.	Saturday, 2nd Aurush	Sugast, 3rd	Monday, 4th	Tuesday, 5th August.	Wednesday, 6th August.	Thursday.	Proder, 8th	Number of	Ramfall of week.	fall from 1st to 8th August 1884.	Average total rain- [ail from lat to 4th August,	Total rain- fall since 15th May 1894.	rainfall from 1842 May to data.
Rings	Poores	Poores Khurdah Hanpur Falsu Point Hookitola	0'08 0'08 0'12 0'12	0°60 0°81 0°97	0°13 0°08 0°61	0.01	0°32 0°05	148	0.01	1 1 6	0'04 2'42 0'32 1'18	0147 8105 8105 8182	8110 8179 8165 8175	20° 09 94°38 15°51 23°77	24°85 25°79 26°43
	Outrack	Jagatsingpore Banki Custack Kendrapara Jajpere	0.03	1'48 0'39 0'69 0'80 1'53	0°38 1°30	090490 011-11 011-11 1 1011 1-1011	######################################	0.04	0 107 0 10 0 03	3 4	0°50 1°17 2°16 3°58	8.83 8.10 1.70 1.40	8:67 3:30 4:01 8:00	27-16 26-70 19-19 19-88	23 05 31 05 36 92 29 64
	Ralasoro	Chandball Bhuddruck Sorah Halasoro Jellusore Barnpodah	0 90 0 05 0 20 1 05	2'40 1'80 0'80 4'90 4'27 0'80	0°46 0°10 0°30 0°01	0.24	074114 223-44 081-44 441-4	0.43	1:87 0*16	5 3 4 5	4:95 1:60 0:60 5:40 4:87 1:35	6198 1140 0160 5101 6107 1150	4*80 4*84 3*45 3*86 3*56 11*86	28°07 23°76 22°37 43°43 31°46 29°10	27'01 27'14 90'04 98'39 28 78 88'64
urm-West Bursat.	Midnapore	Contai Saugor Inland Tuminek Midmpore Glintini	0.44 0.39 0.00 0.10 0.80	110 0155 1148 0160	1*94	1'00	C'30 Q'15 (0.50	000000 000000 000000 000000	8 3 3 4	2°75 1°18 1°80 1°84 1°00	2°78 1°18 1°80 1°84 1°00	6117 4135 6115 9191 6147	88:57 89:16 26:30 28:16 21:30	81'64 88'78 27'37 20'08 50'08
	24-Pergunnaha	Diamond Har-	****	1.001	0'31	0174	1.03	101100	0.10	В	8193	3.08	2.00	33:06	20'75
		Alipore Jail harrackpers Dann-Dutt Baraset Busserhat	0°80 0°10 0°21	0.50	6133 6120 6177 6170 1185	0.41	0°04 0°40 0°21	o'is	tions.	4 4 4 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1167 1 57 1185 0 89 2120	1'87 1'57 1'64 0'83 2'20	8°50 8°07 8°16 8°50 8°89	27:37 25:28 27:08 22:41 30:12	20180 28161 28161 27137 81106
1	Howeah	Howeith "	0100	0'40 2'05	0.42	0 11	0:31	0.03		5	1°70 8°34	1°70 3°34	9,49 9,49	31:61 24:72	28 NO 80 25
4	Houghly	(thioheriah) Seminore Hoogaly Johannbad	0.11	0.91	0:35	0.10	0'23	0.63	811 ff 1	6	1156 2179 4 24	1°98 5'79 6'24	8:27 8:46	30°10 41'10' 10'47	28'08 27'20 20'03
	Burdwan	Cuina Burdwan	0.81	0'81 1'40 0'80 0'60	0103	0.15	0.12	0.12	0.10	6 S S S S	01971 1177 0173 0174	0'83 1'77 0'74 0'76	2'72 2'45 3'21 2'66	19:45 34:03 23:55 19:45	24 '03 24 14 34 14 35 70
	Bankoora	Bankoora Bishenpore Maliara Khatra	0182 0180 0188 0182	1,92 0.90 1,30	0.19 0.60	0.80	0.19	1654-1 ******* *******	0.11	4000	2.63 2.09 0.05 1.21	2°65 2 90 0°99 1°87	8120 5100 3134 4190	25'46 18'54 15'54 38'83	37 26 30 pc 21 45 33 06
	Beerbhoom	Bh. Soory	*****	0.88	0:80	44414)	0.20	0.015V	- ++ 102	3	11591	1.86	2.60 2.81	18'79	27 bi
	Naddra	hongong Ramagint Kulmaging Chonalangs Mellerpore Koosites	0°20 0°18	0.35	0'26 0'83 0'34	0:30 0:90 0:01 0:05 0:06	0.10	010100 010100 011110 011100	0.11	10 21 21 4	0:71 1:11 0:33 1:13 0:88 0:70	0.71 1.11 0.33 1.13 0.98 0.75	3 63 8 75 8 23 2 40 2 01 1 93	14:29 23:13 16:65 20:49 17:36 21:88	20 - 20 20 - 15 20 - 1
	Ehorlan	Satkira Baggriat Khoolea	0.13	0135 0174 0190	6122 6123 6160	0.18	0.07	0.09	0101	7 6	1°19 1°42 1°04	1'24 1 02 2'09	8144 4134 3147	31'03 30'81 37'40	30,09 39,87 31,38
	Janetee	Naraij Jessops Jhenidah Magourah	0.03	0188 0178 0-40 0-35	0.35	0°00 0°17	000000	******	0.08	3 5 8	1:09 1:80 6:66 0:73	1 '00 1 '80 0 '66 0 '73	8'30 8'79 8'14 8'06	10 08 80 79 34 00 32 70	98*07 81 '22 29 '38 28 '79
	Moorshedabad	Kandt kampere Ham hermampere Latingh Aumounge Jungpore Laiguia	. PH	0°16 0°07 0°20 1°75 0°88	0 18 0 33 0 24 0 08	0 00	0.40	5-5-7-5-0 ACA-FA 0-70-7-10 Q-7-7-10 Q-7-7-10 D-7-7-10 D-7-7-10	###>01 #################################	1 1 1	0.29 0.82 0.07 0.24 0.49 1.12 0.88	0°29 1°17 0°07 0°24 0°48 1°12 0°88	8-74 8-65 4-03 2-90 3-65 8-65 8-67	16:13 16:13 16:13 16:13 16:13	28'47 20'76 27'51 26'03 20'13 46'11
EUT PEROAL.	Chittagoug	Cor's Basar Chittagong	0'88	2°18 2°20	0143	3:49 0:63	*** **	0*23	0.08	6	7'25	7'28	7*70 8*41	78'90 51'50	90°59
	Chittagong	Rangumati	6170 1123	1.01	0'18 0'18	0.50	41444	0.08	0114	6	2'26	2'25	6:25	87'08	40'86
	Bachurgungo	Patuakhally l'erosepore hurrnal Bitola	0'52 1'21 0'08 0'50	1*80 0:51 0:85 1:80	0'06 (0'80 0'83 0'20 0'13	0:08 0:10 0:00	0.08	0.11	0.10	2 4 57	8:10 2:33 1:14 8:10	9.72 1.44 5.10 5.10	8165 4162 4163 6103 5187	38'61 45'30 40'77 39'49 80 86	86'90 60'71 60'83 53'60
1 -	Nonkholty	Nonkholly	0.63	1.12	1'59	0*28	0.69	0.08	0.27	7 5	8'80 8'60	8.38 9.38	7'82 6'67	46'65 57 94	65.71
	Furredpore	Madaripora	0'71	U'63	0.07	1'15	Eu'0	*****	0"18	1 6	1:18	1'27	8'83 3'45	21.25	29 74
	Dacea	hunshipunge barea	0.11 0.12 0.13	6160 (nso	9107 0191	0,11	0.39	******	0.0	6	1'25	1'25	3120 4180	34'96	31'a.
		Namos guige	0,10	0 67 1 06 1 9 72	0109	0'27 0'18 0'12	0.10	10.0	0.28	7	1'00	1'79 1'49 1'83	3:00 3:77	27 np 21:87 21:17	20.14
	Comilia	Connta Chambring prabuunbern	6.13 0.90 1.80	0'43 0'90	0130	0'04	******* ******* *****	111 ppb	0106 0166 014		8188 2135 0186	2'48 8 35 0'25	6146 6166 8151	48148 80130 40195	46'E 65 1' 86'E
	Nymensingh.	yanosean m stanathore yta yanosanika	0.03	0133 0139 0124 0108	0°20 0°18 0°28	0.90	0'10	0.81	1'35 0'75 0'79 1'00	1 6 6	1'46 0'25 1'90 1'68 1'78	1:48 0:20 1 00 1 66 2:73	8:40 2:75 3:04 3:67	26'80 16'93 40'64 20'00 40'73	41'7 83'1 43'0 \$6 8

Statement of Rainfall in Bengal for the week ending Friday (6-p.m.), the 8th August 1884—concluded.

					1	AIFFAL				To	[Alles				
	771-0-1-0	Station.	I	E	4	4	276	7th	1	76.0	9	Total rain- fuli from	folial from	Total cain-	Average ratifall from 18th
Meteorological division.	District.		August.	August.	Monday, August.	Tuesday, August,	Wednesday, 6th August,	Thursday,	Friday, August,	Number of	Rainfall work.	August 1886	lat to Stis August	1510 May	May to duta.
HORSE SERBAL	Pubpa	Pubna Bernjgunge	0"12	0.02	0°13 0°29	018	******	141107	0°05	4	0197 0160	8-97 0-80	2107 2134	22°87 23°34	27°64
	Boggs av	Sherpore Nowhilla Hotra Panebblbi	0'48 6'63	0°27 0°23 0°24 0°35	0.03	000474	004308 607064 111-07	gastro rerdid the	0180 0180 0180	5	0°77 1°01 0 54 1°02	0'77 1 01 0'44 1'02	8162 2141 2141 213	9614 2430 30143 24140	7579- 70-0 35-17 3073
	Rejohahyu	Bonuleah Naturn Nowgoog	0'14	8.53	0.07	0.04	0 40 0 66	******	0.01	1 2	0140 5140 0173	0 40 0 40 0 73	8107 8190 1	18'51 13'31 11'81	27'4 39 5
73	Maldah	Maldah	0*02	0:11	0.10	410404	******	*****	*****	8	0183	0.53	3167	10110	2716
r	Dinagrepore	Mohadebpora Cluremon Kancungo Dungepore Balvorphat	0'04 1'38 0'17	0°25 (F46 0'4) 0°25	0'04 0'15	0°67 0°07 0°03 9°04	000-05 010-09 010-01 000-00 000-00	000444 40044 10044 10044	0°3n 0°18 0°33 0°28	8 4 3 4 5	0783 1783 0783 0781 1789	0.43 0.44 0.47	3194 1196 2127 3185 7	90°14 30°51 27°49 23°53 39°53	85 % 25 7 34 % 87 3
	Киндрого н	Bhawanigungo (Cyabanda).		0.30	*****		*****	y9455B	0.76	2	1.19	1.18	2:30	31.88	. 861
		Runspare Runstram Enclosen (Nelphamari,)	******	0'18	9'07	0.08	\$00.11 124.00 124.00	0.30 0.65	1140 0185 018	2	1°87 1'26 6°85	1197 1191 0138	11:43 4:05 5:75	96.03 31.41 31.41	48 H 46 d 68 y
	Julpigores	Julpigures	101000	0413	0.03	0.11	0.24	*****	1:04	3	\$162	8163 \$189	4165	81100	661
	Trinings aromay 11	Cooch Behar Mickingungu Matabhanga	6.33	0'55 0'72 0'72	00 004 (00400	0.03	194-		1127 0128 0111	2 2	1762 1700 0766	1152 119 0186	6147 6 41 8:71	78 W 40'14 64'70	75°
	Darjonling Hui.	Ruga Silliguri Darjeeling Kalimpong	104 44.	0°80 1°42 5°03 1°68	0 01 1 67 2 00	3102 0113 0 17 012	0.00 1.01 1.01 0.39	0'20	01/10 01/2 01/3	6 6	8192 8 1 8100 5145	8104 8100 8100	9:31 6:83 7	86°67 85°18 61°80 43°01	330 t
Forth Hunar	Purnesh	Kimengunge Arrareah Purneah	0102	0*60	0°09 0°37 0 10	0114	PPP40-	0'14	0.10 0.40	8	1/36 0/82 0/82	1136 6181 6129	3186 3186 3176	40°27 20°34 20°82	91 29 38-
	North Bhagul-	Maddapore	807000	0.11	0*24		0.03		900401	3 2	0.2	011	8:66 8:67	18*95 10:25	\$163.°
	Durbhungs	Tajpore Durbhunga Madhubani	001144 171700	0113 0104 0119	0'59	******	0.13	******	107	3 9	0°13 0°31 0°75	613 931 975	21K7 2158 2107	15:49 12:23 18:91	23 23 22
	Mosniferpore	Sitamarhi Mosufferpore Hajipore	421414	0.10	214>42	674450 674450	0.04	@*Q t	644200 604000 604000	NH	N (1 0 2) 6 0 5	Nil 0 21 0 00	2145 2145 2145	17'29 18'43 21 43	27) 22) 22
	thesparus	Motibari	BE * 1 * -	*****	2'06	***4**	,,,,,,,	*****	******	NII	Nii Z'00	N() 8100	2194 2194	20.31	27. Ei
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CALGUTTA,

The 11th August 1884.

John Eliot,

Metaorological Reporter to the Goet. of Bengai.

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL DURING THE WEEK ENDING THE STE AUGUST 1884.

It was stated in the report of last week that another advance of strong south-westerly in the Bay was in progress at the end of the week then under review. The Akyab winds up the Bay was in progress at the end of the week then under review. observations indicated the existence of an eddy or small cyclonic disturbance in the front of those advancing winds on the 31st. The winds shifted round in South Bengal on the 1st and 2nd of August in the usual manner. This disturbance, like the great majority of the preceding whirls, made for the Bulasore coast on the morning of the 3rd. It advanced rapidly through Chutta Nagpur and South Behar, filling up during its motion, and disappeared beyond the limits of the Province into the North-West Provinces on the afternoon of the 4th. This disturbance gave moderate general rain to Orissa, South-West Bengal and East Bengal on the 2nd, 3rd and 4th, and to North Bengal and Behar on the 3rd and 4th. A partial break of the rains commenced on the 5th, and continued until the 7th. The break was most pronounced in North Bengal, Behar, and Chutia Nagpur. A few local showers of little importance fell on the 7th chiefly in East Bengal, and fairly general rain in East and North Bengal on the 8th. During this period the weather telegrams from the Ceylon coast stations have indicated the prevalence of strong monsoon winds in the south and centre of the Bay, so that another influx of monsoon winds and of general rain is probable over the Province.

Pressure.-Variations have been smaller in amount than they have been for some weeks previous. The passage of the small disturbance across the Balasore coast was accompanied by a rapid rise of pressure on the 3rd over the whole Province. It averaged ficarly an eighth of an inch over Bengal and Behar. It fell again on the 4th, and was below the normal on the 5th. This was followed by a rapid rise on the 7th, and pressure was on that day and on the 8th above the normal to a slight extent. The mean pressure of the week was above the normal in North Behar, the area of least rainfall during the week, and below it over the remainder of the Province. The deficiency was most marked at the Orissa stations, thus indicating that Orissa is, as it has been for some time, an area of deficient pressure relative to the Province generally

pressure relative to the Province generally

Temperature—Increased rapidly during the latter part of the week, more capecially in ar. The mean temperature of the week varied from the normal by small amounts Rehar.

Behar. The mean temperature of the week varied from the normal by small amounts except in South Behar, where it was 2° in excess. Bankipore registered the highest temperature of the week, 97.5° on the 3rd.

Winds—Were very light over the Province at the commencement of the week. They strengthened considerably on the 3rd, and moderate monsoon winds prevailed generally on the 4th. They began to fall off rapidly in intensity on the 5th, and were very feeble on the 7th and 8th, although they were approximately normal in direction.

**Rainfail.—The general character and distribution of the rainfall of the past week has been indicated always. The slight disturbance which crossed the Bulgaceae coast. on the

has been indicated above. The slight disturbance which crossed the Balasore coast on the morning of the Srd, brought up comparatively small supplies of vapour. Light showers fell in South-West Bengal and East Bengal on the 2nd. The rainfall was considerably larger in amount on the 3rd, and extended over the whole Province, with the exception of the Mozufferpore, Chumparun and Sarun districts. Bain fell in smaller amounts on the 4th over the whole Province, excepting the western and central districts of Behar. fell on the 5th in South-West and East Bengal, and on the 6th in the western districts of South-West Bengal. No rain, with the exception of a few showers, occurred in Behar or Chutia Nagpur from the 5th to the end of the week. The 6th and 7th formed an almost

complete break in the rains over the whole Province.

The showers which fell during the week were, with a few very few exceptions, not heavy.

The only rainfall in 24 hours, which exceeded five inches, was registered on the 3rd at

Darjeeling. Its amount was 5:03 inches.

The Darjeeling district, Balasore, Chittagong, Singbhoom and Hazaribagh received rainfall varying slightly from the normal and generally in excess.

Between 70 and 80 per cent. of the normal rainfall was received in the 24-Pergunnaha, Howrah and Hooghly; between 60 and 70 per cent. in the Patna and Noakholly districts; Howrah and Hooghly; between 60 and 70 per cent. in the Patna and Noakholly districts; between 50 and 60 per cent. in the Bankoora, Beerbhoom, Burdwan, Cuttack, Burrisal Mymensingh, Dacca, and Shahabad districts; between 40 and 50 per cent. in the Julpigori, Cooch Behar, Rungpore, Midnapore, Manbhoom, Jessore, Khoolna, Furreedpore and Dinagepore districts; between 30 and 40 per cent. in the Nuddea, Gya, Pooree, Commilla, Chumparun, Bogra and Pubna districts, and in the Sonthal Pergunnaha. Less than 30 per cent. of the normal rainfall of the week was obtained in the following districts, which hence define the area of greatest deficiency of rainfall during the past

Bhagulpore rece	pived	441	***	***	***		per	cent.
Chuprah	23	***	000	1.5-6	4.4.4	22	,	19
Moorshedabad	29	000	005	p = 4	***	20	,	79
Purneah	32	***		400	***	19		22
Durbhunga }	23	***	***	•••		12	1	•

SUPPLEMENT TO THE CALCUTTA GAZETTE, AUGUST 13, 1884. 1421

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisious of the Province for the week ending Friday, the 8th August 1884:—

	-		TREPR	BATUE	IB.					_ !	LAIST	ALL.				
	week.	week.	Avera	ges for	week,	above or	(Of woo	k.	SL.	uny da	ye.	Bince of J		Since Ma	166 h J.
Divisions. Maxeomorogicus	Bighest observed during	Lowest observed during a	Of highest of each day.	Of lowest of each day.	Of most for each day,	Average mean of week at	Average.	Normal average.	Variation,	Average number in week,	Normal average num- ber in week,	Variation.	Average.	Normal average.	Average.	Normal systems.
And Bengal worth Bougal Sorth Bohar worth Bohar worth Bohar worth Bohar worth Bohar worth Hohar worth	92'4 96'5 91'8 96'3 97'8 97'8	71°1 76°3 73°3 73°1 76°8 76°3 70°8	86'7 89'4 86'7 90'8 92'8 91'1 83'8"	76 6 76 7 77 3 78 3 70 7 77 37 73 0°	82'6 84'1 85'0 85'0 85'0 85'0 85'0 85'0 85'0	-1'8 +0'3 -0'9 +0'6 +2'2 +0'7"	2:16 1:40 2:24 1:19 0:47 1:03 2:30	8,18 6,47 8,00 8,18 8,18	-0°96 -1'44 -1'66 -1'77 -1'05 -1'56 -0'98	3'0 3'4 44 3'1 1'8 3'7 4'4	4'2 6'7 6'8 4'0 5'5	-1.8 -1.8 -0.9 -1.7 -1.3 -1.1	2.78 1.45 2.30 1.19 0.47 1.07 8.34	3 33 2 92 3 06	95:04 91:33 38:05 33:50 10:81 11:40 18:10	27" 24" 45" 45" 23" 23"

* Chyebana not included.

METEOROLOGICAL OFFICE, BENGAL;

JOHN ELIOT,

The 11th August 1884.

Meteorological Reporter to the Govt. of Bengal.

MEMORANDA.

THE subjoined table exhibits the mortuary statistics of the districts in Bengal for the month of June 1884. The leading features disclosed by it are—

1. That the deaths of 98,258 persons were recorded out of a population of 66,163,884 in these districts, representing an annual ratio of 17.76 per 1,000 against 20.88 per 1,000 in the preceding month, and 15.00 per 1,000 in the corresponding mouth of 1883.

2. That the following districts furnished the highest proportions of deaths:—

Distrects.				Districts			
			Batlo per				Batin per
			mille.	. —			mille.
Balasore			45.84	Gya	* * *		24.84
Patna			31.68	Sarun	***	000	23.64
Nuddes	***	0.01	27.60	Bhagulpor	9	401	23.40
Raishahva			24.96				

3. That the mortality from the principal death-causes was as follows in comparison with the casualty rates from the same causes during the corresponding month of the preceding year :-

					tratem bas m	inte driand-
					June 1884.	June 1883.
Cholera	* * *	***		***	1.68	2.04
Small-pox	446	0 0 th		0 a a	'36	·12
Fever	100	0.09	4.0.5	1 9 0	12.00	9'84
Bewel-comp	laints	***	0.00		-72	•60
Injury			0.0 *	400	-48	*48
Other cause	B		***	605	2.28	1.68

indicating, chiefly, that there was a sensible abatement in the mortality from cholers with a noticeable increase in that from fever.

4. That of the abovementioned diseases, cholers, small-pox, fever and "other causes" were notably fatal in the following districts:—

Cholera.		Small-pos	÷.	Fever.		Other	Causas.
	Ratio per unillu.		Ratio per mille.		Batle per		Batio per milio,
Balasore	28.68	Chumparun	3.00	Rajshahye	22.32	Poori	11.64
Marbhum	5.04	Gya	2.52	Nuddea	21.60	Sarun	7.92
Cuttack	4.92	Sarun	2.40				1 02
Patna	4.32						
Poori	3.72						
Sonthal Per-			i				
gunnaha Shahabad	3·12 2·04						

5. That the death-rates under the heads of Sex, Class and Age stand as indicated

According to	Sex.	According to C.	lass.	According to sg	6.	
Males Females Ratio of male deaths to every 100 lemale deaths	100	Christians Hindus Mahomedans Budhists Other classes	Patio per mille. 18-60 16-32 17-88 15-36	Under 1 year 1 and under 5 years 5 and under 10 10 and under 20 20 and under 30 30 and under 40 40 and under 50 50 and under 60 60 years and upwards	***	Ratio par mille. 1111:34 22:68 -9:72 9:24 12:72 12:36 18:44 16:92 22:92 34:80

B. Ladderdala, M.D. Deputy Surgeon-General,

Sanitary Commissioner for Benyal.

The 11th August 1884.

5	III ACCORDING TO-	* M 3 @	COMPARISON WITE DEATHS (PATIONS), AMONG. THE ANNUM.	All causes. Matter of destine persent of the provides of the	100 100 100 100 100 100 100 100 100 100	1	[4] G.Soil 453, 19:34	
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+			Model Bearing	Bowel-complaints,	25.5 2.1 2.1 2.5 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1	3.0	6	SECULAR SECULA
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			DISTRICTS	, ø-	Burdwan Bardum Kritium	Hughh Servingore		Howenholm Number

MEMORANDA.

The principal features to be deduced from the vital statistics of the first class Municipalities in Bengal for the week ending 26th July 1884, as presented in the statement appended to this memoranda, are the following:

(1) That births and deaths were registered in these Municipalities at the rates of 17.5 and 27.5 per 1,000 respectively, against 18.2 and 28.3 per 1,000, respectively, during the preceding week ending 19th July, indicating a reduction in the registration of both events.

(2) That the Municipalities which returned the highest birth and death-rates are—

	431	176718.				2.10(21)	W.		
				Ratio per mole.					Rathi per
Serampore	177	*41	100	2011	Gyn	***	* * 4	111	27:10
Bhagulpore				26.2	Chittagong	= = 4	0.75		30.0
Chittagong	1111	f de ve	9.00	23.5	Patha	300	4 4 4		85.2
Gyn	111	8.5.1		2333	Monghyr		* # 9	***	3374
Shahabad	1 4 4			22.8	Suburbs of C	'alcurta		4 > 3	33:3
					Ponti				200.00

(3) That the mean rates at which the several diseases proved fatal exhibit no marked variations in comparison with the mortality during the preceding week, thus—

					per mille dur	ng weeks ending 19th July 1893.
				2011	1 91117 1004.	TOTAL STICK DOOR
Cholera			100		274	2.5
Small-pox			***	117	14	.7
Fever		484		111	12:2	1290
Howel-complaints	***		***		4.2	4-1
Injury		***		444	111	1-1
164		* * *	4 * *	444	7.7	7.9
Other causes	***	2.5			1-1	8 24

(4) That cholera, fever, and the diseases classed under the head of "other causes" proved most fatal to life in the undermentioned Municipalities:

	Cholera.			Fener.				Other can	1808.	
		tutio per millo.			l.	kitin per mide				at fo-per matho.
Pouri		 150	Gyn	144	9.04	34.8	Gyn	P D 1		21.9
Gya		 14/3	Chittagong			30.2	Serampore			15:7
Monghyr		11.7					Poori			1208
Chittagong		 7.0					Suburbs of	Chicutta		12 E
							Patua	111		10.3

(5) That the death-rates in relation to Sex, Class and Age were returned at the rates indicated below:—

According	y to Sea		According to	o Class	î.		deco	rding	10 /	Aye	ø
Males	deaths	Ratio er millo, 27'8 27'0			Ratia er millo. 30-4 28-5 21-7 21-2 72-8	Under	: I ye	**		101	Ratio per millio. 250 4 41:7 13:1 8:6 20:9 15:4 17:3 25:6 24:6
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R. Lidderdale, M.D., Deputy Surgeon-General.

The 11th August 1884.

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Here were Considerate and the Consideration of the	The Consists of the Consists o	The Consists of the Consists o	i i	**	144	1	4	1	7			_	1			4	-	04	*	*			9.50	9.93	83.3	27.00	0.20		9-50		:
## 15 15 15 15 15 15 15 15	Marie Lange Consists	The same of Consists in the co		Sandrad	:	•	13	:	1	_		_	1	4 10	4			ŝ	1	- :	-		100	***************************************		-	1	7		1	1
Marie Morethy	March 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	March Morehys	1	1		el	pad	:	1	1	_	:	in the second	• :	. 8		4	=	0	10	fru.		0.18	13.8	9.11	15.0	0.13	100	1.02	9.52	100 M
March Arrah	Market Monthly	March Arria	1 1 1	1	-	6	60	1	1	-		:	1	3 8	: :		10	91	qui.	015 pm	01		9 65	190.1	77	\$	<u>22</u>	*.3	91 60	£ 53	T T
## 15 Second expenses 11 4 1 1 1 1 1 1 1	March Marc	Mountherpare 11 Mountherpare 12 Mountherpare 13 Mountherpare 14 Mountherpare 15 Moun		000 000 101	-	*	E	:	1		_	_	*	1 1	-	-		-	:	-	1	-	2 15	11.7		-	:	B-8		11.1	
** ** Moutharps ** ** ** Moutharps ** ** ** ** ** ** ** ** ** ** ** ** **	*** *** Monthly *** *** *** *** *** *** *** *** *** *	Chapte Manuferper 11 Chapte 12 C	* * * * * * * * * * * * * * * * * * * *	***			:	3	ì	:	3 1	1	:	,				0.4	63	10	-	-	-		11.6	* * * * * * * * * * * * * * * * * * * *	95 40	-	**************************************	2	14.0
** ** Durchkapp. ** ** ** ** ** ** ** ** ** ** ** ** **	*** *** Doors** *** *** *** *** *** *** *** *** ***	Lie Durbharps	:	ufferpero		_	*	:	i		E	-	ŧ			:		01	01		+	100	23.8	57.50		1	100	600	17 00	:	67.6
The second control of the control of	The second secon	The state of Chapter Chapter	- m	things	:	8	E	1	1	_	Ž	:	d + +					***	80	67		043	0.92	202	Fi	2111111	1.65	103	15.2	213	******
*** *** Shakaralpore *** Shak	*** *** Bharalpore *** *** Barana *** *** Barana *** Bar	Beautipore State	3 3		_		*	1	1	-		:	9	- 4	0 0			01				94	9.692	HC Pro-	F**	404 = 61	:	10	95	40 10 07	
25 Table 1 Table 2 Tab	Tores, 7 For 174 18 19 40 19 19 40 19 19 40 19 19 40 19 19 40 19 19 40 19 19 40 19 19 40 19 19 19 40 19 19 19 19 19 19 19 19 19 19 19 19 19	Thursday		acalpore	i		w	:	1		_	•	i	10 '	υ .	1 1				113	03	_	1,09.1	90	122	101	5	8	0.62	2,0	2.02
25 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Total 7 Dots 13.6 1 2 20.6 23 24.7 28.7 18 40 10 70 73 44 92 200.6 41 23.1 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Total	946			_	165	:	ş	69	8	1	i	+	-	_				000	-	-	6	0.57	:	104 114	191119	****	5.9.2		10.92
The same and	Tores. 7 Dot 174 1 2 Not 250 247 245 784 165 65 19 40 70 70 40 92 2076 417 1371 55 200 185 173 25 6	TOTAL TOTAL TOTAL TOTAL TOTAL BENGAL.	***		:	4	en - ~	1	1	i i		9	1	:	p=0	9	:	*			1		6.96.4		1	49 - 1 88	F			81.0	
	7 1002 154 1 2 200 200 2007 2007 757 1000 00 201 12 40 00 00 00 00 00 00 00 00 00 00 00 00	1 2 me	200 800	1		10		1	:	_			1	-	1	. 1	1	1	1	Ī		-	1 60		12	T.	8.3	19.91	17.3	9 9	90.00
7 505 374 1 2 000 520 260 260 260 600 600 600 600 600 600 6	Service Committee Committe	B. LIDDERDALE, M.D., Deputy Surgeon General,		Total			1	_	_		-	-	1111	100	25					R	3		200 P	ě	2						

OFFICE OF SANITARY COMMISSIONER FOR BERGAL, The 11th August 1884.

EAST INDIAN RAILWAY.

Statement of Goode Traffic in staples carried during the five weeks and two days ending 30th June 1884, as compared with the same period of 1883.

	Charles we	3.00	94.	18	ASI.	Incr	okon.	Deer	Olive.
	STAPLES.	Weight.	Proight.	Weight.	Preight.	Weight,	Preight,	Weight.	Freight.
•		Mds.	Re.	Mds.	Ra.	Mds.	Ra.	l Mda.	Ra,
	Hornes, ponice, and mules	No. 4	544	No. 64	1,383	141111	244422	No. 180	
	Cattle	1, 60	1,773	53	213	******	1	e 1	84
,	Other kinds	411111		1,695	1,941	No. 575	832	404020	******
enstand and entens	00 -11 000 847 600 011	\$10 90	169	653 91	418 113		4 - 4 = 6.9	346	20
Canutchose (folia)	terralitation of the co.	2	S.	84	3.3	484176	050070	6	4
limen and Japan loal and coke, up	THE WALTO IN CO.	5,00,154	2,30,434	45 6,91,856	2,77 413	h t = p + p	3+4+49	1,01,221	5.
Intto, dew	n	17,80,630	2,40,349	10 341 284	2,36 (76	40,255	0,073		87,97
lotton, raw	Twist and yarn (European)	9,894	14,286	20,051	13.729	603	1,056	23,347	36,07
OTTON MARC-	Ditto (Indian)	8,803 91,305	1,10,719	7,444 84,739	3,000,4014	959	9,911	111040	*****
FACTURED.	Intto (Indian)	14,503	10,666	18,1415	11,140	0,5611 344	1,507	*****	*****
i	Assafution	1.113	1,300	3,241	37	047175	5 6-8	41	120.00
BIGGS AND MS-	Intoxicating drugs (other than opium, i.e., smenic, bhang,	2,784	1,527	6,457	8,110	400,00	*10101	198 1, 678	1,80
ř	ganja, and churus, &c).	320	196	420	364	040189	641140	94	100
TRING MATE.	Mander or manjit	107 1,092	4 600 i	128	68 804	*****	209	18	13
MIAIS.	Turmerio	17,235	17,010	14,35%	10,463	2,307	7,647	71	6
arthenware and p	Other kinds	613	1,340	600	4,274	****** 7	11	1,883	+ 60
	Jule Phw	709	453	040,3	1,059	******	*****	4,601	1,100
IBROUB PRO-	Do., manufactured (gunny base and clothe).	94,782	82,001	1,3%,%85	1,16,261	*****	000103	61,103	64, 951
DUCTS.	Other fibres, raw Ditto, manufactured	699 \$,115	213 416	1,450	888	339		760	19
EUITO & MUTS	Coconnuts	1,426	2,234	1,770	2,170	170	Gi	992729	81
		88,681 9,08,854	28,956 3,02,455	86,44,685	35,291 18,17,402	04 1718	44449	6,532	4,86
	Gram and pulses	2,57,930	47,762	2,67,774	hei,573	100.00	ter tr	19,52,231 5,715	9,55,rept 38,61
BAIN & PULURS	Rice, husked	3,31,12h 17,233	2,540	2,661,401 6,469	75,509 2,053	64,727 (6,7%)	13,500	227744	868 291
	Other rain and apring crops	8,01 74H 8,501	62.302 2.569	2,91,397	61 2 6	18,557	965	*****	4,93
unns and resins .	Hides of entitle	54.142	28,873	4,172	20,082	15,60a	B, 190	941149	861+++
HDES & SEINS {	Skins of sheep, goats, and small animals.	ម,បតិទី	0,168	10,720	ь, 200	471444	904114	8,071	9,10
OFDS	V - 011 244 500 215 174	1,365	880	d 53	305	603	575	80-0-1-0	00703
40 OA	De, shell Do, stick and other kinds	6,917 15,088	4,304	16,333	17,536 4,105	671	199	9,410	12,12
BATHER	Leather, unmanufactured	1,414	8,729	3,470	2,600	844	1,030	120101	840
iquora	Ditto, manufactured	1,355 19,385	2,194	1,051 31,92k	44,495	201146	94+13+ 342-44	12,539	294
		640	24%	7 9663	#3.755	11227	614174	146	23,717
MINISTER AND MAY	I mis and copper	25,669	80,014	1,01,428	25,154	1,784	7,961	626489	880400
or.	Other metals	14.575	10,009	6,459	7,500	3,821	8,500	643	1,226
Distriction	1 111 114 114 111	19,935	13,736	16,411	14,750	3,524	84000	610101	1,010
nints and colours	Ghee	349800	3,234 17,436	23,111	3,2(c) . \$4,606	94****	500004	61	De De
FOATBIONS {	Ther kinds	2,917	3,447	7"[1] [8,0114	66	68)	1,281	7,166
Ditto ditto,	Construction Account	2,62,400	2,07,469	3,23,796	1,50,114	1,0%,566 84,115	6,175	44444	500000
all my my		B,H1,067 88,214	2,21,697 30,258	7,46,021	1,99,514	3,34,646	27,573	B10100	911110
altputre, &c. {	Otlassaaline substances	36,911	છ, પ્રયક્ષ	47,7%0 23,214	\$6,635	10,434	8,433	201-10	619994
ron- S	Mustan and man	5,36,385 · 8,79,663	1,86,156	7,78,807	8,01,063 8,00,103	418188	64444	2,42,532	82,99
AKEDS.	To or subjetly	7,750	4,120	86.741	14,633	411141	******	3,50,611 27,991	2,01,1M
O	Other orleands	2,38,497	1,290	2,14,698 3,058	83,536	13,780 1,295	743	231100	661
OTHER	en seel	40,836	19,811	*****	400000	1	appet x x	******	810100
i	Silk, raw	2,575	2,381	2,176	18,094	679	817 E2	120400	92222
···{		273	333	439	568	241474	*****	166	******
		6,64G	6,830	10,828	0,036	******	004124	166 5,148	2,5
gno and marble .	Sugar, refued	1,05,028 2,13,154	9,739 51,397	2,76,636	15,614	8,982	004444	63,519	B, le
	Do., usrelized	N,SetH	1,820	1,03,633	20,791	*10.000	500 54 0	95,145	17,97
LA {	Tes, Industry	8,31d 749	\$,248 958	4,313	7,418	al al	******	1,007	2,16
1.1 0000000	Titre 100 000 000 000 000	91,001	48,921	1,11,976	64,187	13,730	204144	20,818	15,00
700D {	Firowood	43,089 736018	12,371 4,293	29,339 30,551	6,747 1,616	13,730	3,024	******	999144
- 1	Wool, 'aw Do., manufactured (Euro-	F,031	893	1,029	1,326	610102	Ances	606	48
Poor 111	1369023).	434700	42 (944	. 4930-10	10000	414141	82000	Markey .	
	Wool, manufactured (Indian) Shawla	1,000	1,220	1,643	1,220	100116	220141	87	
Il other articles of	merchanding	2,63,246	1,06,433	1,59.839	1,54,394	23,905	12,100	P91910 .	010 pp 6
	999 998 888 444 641	25,502	47,440	28,276	61,471	2,520	2,978	******	1,83
Overnment stores Linerals	170 200 400 400 401 401	1,34,420	25,073	1,18,200	20,503	10,154	111141	247 207	2.00

Remarks on the fluctuations of principal staples carried over the East Indian Railway during five weeks and 2 days ended 30th June 1884.

INCREASES.

Railway Material, Foreign.—This increase is accounted for by State and other Railways being in course of construction.

Salt.—Improved demand in the Patna and Benares districts led to the increase in this staple.

Rice.—This increase is attributable to local demand in the districts affected by the deficient rainfall last year.

Piece-goods.—A better tone in the Calcutta market and larger indents from up-country dealers were the causes to which the increase in this staple may be assigned.

Hidas.—This increase may be attributed to better supply and favourable market.

Coal, down.—The increase in the down coal is due to larger despatches to the Eastern Bengal Railway and to demand for brick-burning coal in the Sabebgunge district.

- DECREASES.

The very serious decrease in this staple is due to an almost total want of demand for export.

Seeds.—The decrease is in Lin, Til, and Rape seeds, and is attributable to want of demand and generally dull markets in pect of the two former, and deficient supply of the latter,

Guang.—The falling off in the wheat traffic accounts for this decrease.

Gram and Pulse.—The decrease in these staples may be assigned to short distance local traffic consequent on deficient state.

fall.

Coal, up.—Smaller indones from Foreign Railways caused the decrease in the up-coal traffic.

Cotton.—Absence of stock and consequent dulness of market accounts for the decrease in this commodity.

Sugar.—This decrease is attributable to partial failure of the sugarcane crop last someon.

Liquors.—Due to ordinary fluctuation of trade.

N. St.L. Carter, Traffic Manager.

TRAFFIO MANAGER'S OFFICE, JAMALPUR, 11th August 1884.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 2nd August 1884 on 1,500} miles open.

	COACHI	19 Trappic.		PRIC. PRIC. PRICE MINERAL	Other earnings		TRIPPIC	TRAIN-MILI	DUE.
	Number of personations.	Concling recespts.	Weight carried.		(estimated).	sout essuings.	Coaching.	Merchan-	Total.
		Ra. A. P.	Mils, a	Rs. A. P.	Rs. A. P.	Re. A. P.			
Total traffic for the weak Or per mile of reliway For previous 4 works of half-	183.000	2,04,260 8 0 137 15 6	19,87,874 20	4,48,400 6 S 295 11 B	10,551 2 1 10 15 5	6,71,221 0 6 646 10 8	61,217	00,133	-150,856
2007 as no no 1 as no	746,273	7,42,850 0 0	76,42,230 20	17,99,317 14 31	05,894 7 1	26,01.768 6 0	229,215}	838,4074	068,689
Total for 5 weeks	039,273	9,51,116 8 0	90,22,805 0	22,38,727 5 2	83,145 9 Z	82,73,990 8 4	200,412	422,006	713,053
CQMPARISON.									
rotal for corresponding week of previous year	174,098‡	1,68,687 10 0	12,56,504 30	0,47,470 6 0	10,07P 1 T	8,52,236 3 2	59,484	180,780	700,444
ing week of previous year	(1111)	125 0 8	104061	429 1 9	10 10 6	566 12 4	44600	011114	242444
provious year	977,006	0,02,948 7 10	1,10,28,578 10	35,59,106 8 20	83,379 2 9	44,34,431 14 B	3/19,054	698,925	1,008,579

a. Approximate Statement of gross receipts of the East Indian Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

	m vor werk fil August :			ets for week to Avursa 186			L RECEIPTS PRO L 1883 TO 4711 A 1883.		APRI:	L RECHIPTS PRO L 1984 TO END A 1984.	voust	Total increase	
Mean mileage worked.	Becoipts,	Per mile worked.	Mean mileage worked.	Receipte.	Per mile worked	Mean mileage worked.		Por mile marked.	Mean milenge worked.	Total receipts.	Per	in 1684.	Total decrease in 1984.
5,000	Ra., 0,50,936	Ra. 565	1,809}	Re. 0,71.221	Ra.	1,500	Re- 1,85,40,028	Ra. 12,202;	[1,509]	Rat. 1,40,00,558	Ro. 9,871	He,	Ra. 36,48,470

PATNA AND GYA STATE RAILWAY.

Approximate Return of Traffic for week ended 2nd August 1884 on 571 miles open.

	COACHING	TRAPPI	c.		MERCHANT	LEY A.	and Ma	3E 2E 3	KAL	Other or			Total en			TRAFFIO	TRAIN-MIL	m ron.
	Number of passengers.	Conch			Weight carr	ied.	Rece	ple	1,	(Cartacina	ted)		zotat en		ngs.	Conching.	Merchan- diso,	Total
		Re.	A. P		Mda.	0.	Ha.	٨.	P.	Re.	A. 1		Ra.	٨.	P.			
Formi traffic for the week Or per mile of railway	9,419	4,813 84	3 C 7 1		82,894 924		6,945 70	13 11		#0 U	5 10		8,913 155	5 13	0	12,718	909	2,66
3/05/	32,703	17,938	3 (2	1,71,017	30	18,060	B	0	181	0	0	31,144	11	0	6,8611	4,9731	11.88
Total for 5 seeks	42,548	42,760	6 6		5,23,603	10	17,124	å	0	167	6	0	40,069	0	0	8,0791	5,9444	14,08
otal for corresponding week of previous year or mile of railway correspond-	7,760	4,137	5 (15,462	10	1,007	7	0	23	11 (0	5,907	7	0	2.050	786	8,783
ting went of previous year	136	72	5 3	3	235	20	10	8	0	0	9 :	E .	98	1	8	010000	10040	20
bearions tore	39,526	18,724	4 (5	1,22,978	0	9,041	10	0	263	9	0	28,029	å	6	9,118	3,340	12,80

Approximate Statement of grees receipts of the Patna and Gya State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 28rd July 1883.

	THE AUGUST 18			re for wher id August 183		APRIL	L MRCHIPTH FRO L 1888 TO 4TH At 1883.	m lur DGVOT		L RECEIPTS PRO 1884 TO END A 1884.		Total increase	W-4-5 A
Mosn mileage worked.	Receipts.	Per mile worked	Mean milesate worked.	Receipts.		Mean imiesan worked.	Total receipts.	Per mile worked.	Mean intense worked,	Total receipts.	Per tiple worked.	12: 1884.	Total decrease in 1886.
87)	20, 1,007	Ru. 0 93	673	Ra. 6,918	Ba. 156	871	Ra. 1,47,763	R4.	87k	R a, 2,83,565	Ra., 2,068	Sto. 8,003	Re,



GHAZIPUR-DILDARNAGAR STATE RAILWAY.

Approximate Return of Traffic for week suded 2nd August 1884 on 12 miles open.

+	COACHING	TRAFFIC.	MERCHANDIS Tu	E AND .	Min	HKA I	Other on	rmi	12,579	Tota	J		THAPPIC	Taxin-mili	
r	Number of pusiongers.	Conching recoipts.	Weight carried	L R	enip	£4,	(estima	it et	1).	Carmin	19211.		Coschine.	Merchan-	Total.
		Rs. A. 1	Mdn. s.	10	ā. ,	L. P.	Ra.	A.	p. [Re.	ă.	P.			
Total traffic for the week	2,434	449 5 37 7	5,503 0		135	3 0 8 3	53 2	12	6	650 51			210	178	3.00
News (Francisco)	0,107	1,550 14			000	8 0	199	14	0	2,450	6	D	551 °	(Q)	(J.Tib
fal for 8 weeks	11,841	2,000 3	35,010 20		328 1	1 0	233	킾	Ð	3,671	- It	D	767	244	1,331
Total for homoponding work of															3
previous year her mile of pulway corresponding	2,103	374 12 2		i	60	3 0	22	10	0	667	0	2	234	95	829
weak of previous year fotal to corresponding date of	407724	\$1 3 6	030454		13	5 7	3	1+	2	46	7	5	\$1500	44>+91	0 - 0
beasions hare	10,723	1,907 15 0	41,726 0	1,0	ZO 1	5 0	150	6	0	8,025	6	0	T'uech	856	1,648

Approximate Statement of gross receipts of the Ghazipur-Dildarnagar State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIP 67	RECEIPTS FOR WERE EXPLINED RECEIPTS FOR WERE EXPLINED AUGUST 1883.						L RECEIPTS IN L 1883 TO 4T II A 1983.		APRIL	L RECEIPTS FR 1884 TO END 1884,	Total	Total	
Mean mileage Forked	Receipts.		Mean mileage worked.	Receipta,	Per mile worked	Menn mileage worked	Total receipts.		Mean milesge worked.	Total receipts.	Inc. mile worked	1886.	deoralise in 1884.
	Rs.	Ra.		Rs.	La.		Ba,	Ra.		Ru,	Rat.	Re.	Rs.
11	888	46	12	031	52	12	18,610	1,651	12	21,004	1,750	2,394	

SINDIA STATE RAILWAY.

Approximate Return of Traffic for week ended 2nd August 1884 on 741 miles open.

	Силситис	TRAFFIC.	Munchaninge Tran		Other carnings	Total earnings.	Tuarre	Train-mili	BEUR.
	Number of passengers.	Conching receipts.	Weight carried.	Receipts	(estimated).	TOTAL CHITTINGS.	Conclusie.	Merchan- class.	Total.
		Ва. д. г.	Mds. s.	Re. A. P.	Ra. A. P.	Ra. a. P.			
Total traffic for the week Or per mile of railway Pur provious a weeks of half-	3,970	2,865 P O 38 7 S	41,594 0	1,40G 0 0 1% 13 14	91 7 6 1 3 8	4,363 G G 58 D U	023	1,349	1,97
Year or or or or	15,780	13,864 16 0	1,84,637 10	8,745 10 3	353 9 0	22,944 7 3	2,489}	8,8021	5,77
Total for 5 weeks	10,740	16,780 h 0	2,26,231 10	10,151 15 B	865 D U	(27,327 7 1	3,092}	4,6514	7,74
Companion. Compan	8,9764	3,739 15 Ø	16.713 3u	1,612 7 0	117 12 0	6,490 2 6	716	522	1,13
o corresponding date of	20,183	50 3 3 16,896 6 10	78,372 10	9,835 11 0 1	384 1 0	73 11 1 26,569 2 10	3,204	5,379	6,43

By Approximate Statement of gross receipts of the Sindia State Railway, prepared in accordance with Public Works Department Circular No XXI, Bailway, dated 23rd July 1883.

Bacuret dei	thouse to a want fading			RECEIPTS FOR WHEE ENDING			Total Receipts From 1st April 1883 to stn August 1883.			TOTAL RECEIPTS FROM 187 APRIL 1884 TO 2ND AUGUST 1886.			Total
Mean mileage worked.	Receipts.	Per mile worked.	Menn milenge worked.	Recaipta.	Per mules worked	Mean mileage worked.	Total receipts.	Per mile worked	Menn missage worked.	Total receipts.	Per mile worked,	1875-189 1D 1884.	Section 12
760	Ra. 8,480	36. 76	Fel	Ro. 4,863	50]	74)	Ra. 1,11,511	Ra. 1,493	70)	Ra 1,25,666	Ra. 1,067	<u>Ro.</u> 14,453	Ita.

BENGAL PROVINCIAL RAILWAYS.

Weekly Statement of Traffic Receipts.

Latest rejurn		Length	Racute	To I	10 Jt 1	PERE ENDI	RO		TOTAL		HORE URA	PTS FROM 18T ART		Total	Total		Percentage
received.	Name of Railway.	open,	84h May 1683.		3rd Hay 1884.		To 8th May 1883,		7	To 3rd May 1886.		increase in 1984.	decreas in 1684.		of increase or docrease.		
1004.		Milos.	Ro.	Δ,	P.	Ba.	À,	P.	Ra.	٨.	P.]	Ro. A. P.	Ī	Ra. A. P	Ba.	A. J.	
AVEIR DEAY	Northern Bengal Tirhoot Calcutta and South	240 195	38,290 14,418	0	0	\$7,891 \$0,615			8,47,691 2,50,463	0	0	6,41,688 0 0 8,87,680 0 0		1.08,987 U (1,86,000		
Dobatay Sar 50	Rastern	271	5,615 1,750	0	0	5,879 1,286			1,05,789 80,445			1,10,450 0 0 26,466 p 0		14,001 0 (4,307	1/2	\$1 +18 -14
	Total	5951	89,841	0	0	84,701	0	0	19,64,706	0	0	11,98,341 0 0	-	411-17	49,300	11.18	100,L - 8

BENGAL PROVINCIAL RAILWAYS.

Weakly Statement of Traffic Receipts.

Latest return	Name of Railway	Length	RECEIPTS FOR WEST SPOT		TOTAL REC	EUARY	Total Increase in	Total	Percentage
received.	Name of Mariesy.	opun,	12th May 1853,	10th May 1894.	To 12th May 1863.	To 19th May 1884.	1886.	decrese in	of indresse or decresse.
1984.)	Milen,	Rt. A. P.	Rs. A. P.	Re. A. P.	Rs. A. F.	Re.	Ra.	
17th May	Northern Bengal Tirhoot Calcutta and South-	34D 193	87.152 6 0 16.321 0 0	41,411 0 0 21,765 0 0	8,84,743 0 0 2,06,864 0 0	7,09,090 0 0 4,00,115 0 0	1,12,611	1,61,747	- 21 + 38
3 Let May	Eastern Nalhati	86 271	. 8,651 6 0 1,717 6 0	5,163 0 0 1,498 0 0	3,11,440 0 0 82,500 0 0	1,25,013 0 0 27,956 0 H	13,673	4,608	+12 -16
1	Total	5888	60,66L 0 0	69,837 0 0	18,28,547 0 0	19,65,178 0 0	227908	50,349	- 7

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

						Ro. A. P.
Earnings for week ending 26th July 1886	100	***		491		10,699 0 0
Corresponding week last year	9.02	110	810	0 4 0	e = 6	10,948 10 11
Decrease	0 1 2	1 1 4	111	0.50		249 10 11
Receipts from 1st July to 26th July 1894	101	441	***	W 0 0	0.5.5	31,336 0 0
Ditto 1st July to 28th July 1883	44.3	441	***		***	28,494 11 11
Increase	001	000		***		2,841 4 1
						Miles.
Bfiles open week ending 26th July 1884	40.	0.01	0.00	200	400	80
Corresponding week last year	***	2 7 1	6.0		***	80
						Rs. A. P.
Receipts per mile open weck ending 26th	July 1884	111	0.69	984		213 15 8
Corresponding week last year	111	4 - 1	111	224	900	218 15 7
T)maranna		184				4 15 11

DARSERLING, the 2nd August 1884.

D. L. PRESTAGE, For Secretary.

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

		4					P.
Earnings for week ending 2nd August 18t	5 6	76.6 1	74.6	+44		9,158 0	0
Corresponding week last year	440	5.				10,752 14	6
Decrease	194		***	101		1,594 14	4
Receipts from 1st July to 2nd August 188	4	440				40,494 0	0
Ditto ditto to 4th August		***	152	***		39,247 10	5
Increase	246	***	0.01	***	991	1,246 5	7
						Mili	88.
Miles open week ending 2nd August 1884			10+	994	+==	80	
Corresponding week last year	136		***		900	50	
	17 '					Ri. An	
Receipts per mile open week ending 2nd A	uguet 1884			0.0.0	441	183 2	7
Corresponding week last year	101	***	***	9.04	0.00	215 0	11
Decrease	000	460	***	0.00	***	81 14	- 6
DARGERTANO, the Sta. Angust 1884.				W.	STRVERSON.	Becretary.	



SUPPLEMENT TO

The Calcutta Gazette.

WEDNESDAY, AUGUST 20, 1884.

OFFICIAL PAPERS.

Non-Subscribers to the Gazette may receive the Sufferent separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.

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RESOLUTION ON THE REPORT OF THE SANITARY COMMISSIONER FOR BENGAL FOR THE YEAR 1883, AND THE REPORT ON VACCINATION IN BENGAL FOR THE YEAR 1883-84.

MUNICIPAL DEPARTMENT-SANITATION.

Calcutta, the 15th August 1864.

RESOLUTION.

READ-

The Report of the Sanitary Commissioner for Bangal for the year 1883, and the Report of Vaccination in Bengal for the year 1883-84.

Read again-

The Reports for the previous year, and the Resolution recorded upon them.

In explaining the cause of delay in submitting the present Report, the Sanitary Commissioner urges that "the time allowed for the collection and analysis of the vaccination statistics of this great Province is quite insufficient." Every endeavour was made to complete the Vaccination Report in time for its incorporation with the General Report on Sanitation. Monthly returns were called for, and the vaccinating season was curtailed to admit of the earlier submission of the final returns for the year. Nevertheless, the time occupied in compiling and examining the returns was more than is allowed under existing orders. Considering the importance which is attached to the

submission of the Sanitary Report of this Province by the prescribed date, the Lieutenant-Governor trusts that still further endeavours will be made to ensure its punctual submission in the future.

- 2. The year under review was a comparatively healthy one, though unfavourable from an agricultural point of view. The average rainfall throughout the Province was 58.84 inches against 66.95 inches, the average of previous years. Owing to the irregular distribution of rain, the harvest, and the rice crop in particular, failed to some extent, and, as a consequence, the prices for food-grains rose everywhere, except in the Burdwan and Balasore districts, causing privation and suffering among the poorer classes. The districts which suffered most in this respect were Maldah, Khulna, the Jehanabad sub-division in Hooghly, Lohardugga, Durbhunga, and Monghyr.
- 3. Very little, if any, improvement was effected in the registration of vital statistics during the year. The Sanitary Commissioner observes that "the usual attention was bestowed on the subject by most of the Magisterial and Police authorities in the way of inspecting the registers, testing the chowkidars' reports, and warning or punishing, legally or departmentally, the reporters or recorders for remissness or neglect. But, with very few exceptions, their efforts to improve registration were at best partial or desultory, not having the least pretensions to system, persistency, or permanence." The districts in which the greatest interest was shown in the work were Burdwan, Bankoora, Beerbhoom, Midnapore, Rajshthye, Hooghly, 24-Pergunnahs, Nuddea, Jessore, Rungpore, Bogra, and Monghyr. Mention is made in particular of the good work done by Major Ramsay and his subordinates in the district of Nuddea, which "resulted in marked improvement in registration." The recorded death-rate of the district was 36 per mille against 40 in the previous year. This may, however, be accepted as approximately correct; and as the Sanitary Commissioner observes, "it should be remembered that the fever mortality was severer in this district in 1882." It is gratifying to notice the hearty co-operation afforded by the Municipality of Midnapore in the promotion of registration in that town. The apathy which is reported to have been shown in the matter by the members of the vaccination establishment calls for severe censure, and the Sanitary Commissioner should take such practical notice as he may think required of the conduct of those in fault.
- 4. Of 114 towns to which the Compulsory Registration Act IV (B C.) of 1873 has been extended, in only 25 were its provisions actually enforced. The total number of prosecutions instituted during the year was 297 with 232 convictions, against 235 with 182 convictions in 1882. The largest number of prosecutions was instituted in the Suburbs of Calcutta and in Howrah. The result, though an improvement on that of the previous year, is still very unsatisfactory. The Lieutenant-Governor learns with regret that there appears to be generally no person appointed to detect and report evasions of the law, and that it is overlooked that the chowkidar is bound under penalty by section 6 of the Act to report every birth or death occurring in his beat to the Registrar. Ample provision is made in the law to ensure proper and effectual registration, and when the results are defective, as is found to be the case in most districts, it is evident that advantage has not been taken of this provision. The Sanitary Commissioner reports that "the views of Government on the subject, contained in paragraph 4 of the Resolution on the Annual Report for 1882, were conveyed to the Magistrates for communication to the municipalities in their districts, and quarterly statements of prosecutions instituted were called for, and are being submitted." Better results will be looked for in the next annual report.
- 5. Births were registered in 46 towns against 45 in 1882, the number recorded, exclusive of 1,437 children still-born, being 37,215, or a ratio of 22.08 per mille of the total population of the towns under registration, against 37,198 with a ratio of 22.05 recorded in the previous year. This apparent indongruity (increase in the number with a decrease in the ratio of births to population) is explained by the fact that the population and births of the town of Cuttack, which had no place in the statistics of 1882, are included

in those of the year under review. The results recorded in the last two years are closely similar. The towns in which the best results were obtained are—

		1888.	1882.				1863.	1884.
Jamalpore in M	onghyr	49.17	43.79	Bhagulpore	***	***	33.64	37:87
Revilgunge		37:30	29.93	Brahmanberiah	149	-++	33.46	35-11
Bankoora	. –	34.93	81.47	Sitamurhi	***	***	81.34	87.22
Behar		34.42	32.76	Bettiah	0.0.1	***	Su:47	20.11
Jamalpore in My	mending	34.24	40.64	Gya		0.00	29.38	33 TR
Mokamah		33.88	23.75					

In all these towns, with the exception of Bhagulpore and Gya, the birthrate was in excess of the death-rate. The following table shows the number of births according to sex, and the proportion per cent. of male to female births:—

					In 1883.			In 1892.	
Rax.		Number of births.	Ratio per 1,600 of population.	Proportion pur cent. of main to female births.	Number of births.	Ratio per 1,000 of population.	Proportion per cent, of male to female birth		
Malos an	133	100	144	 19,872	11.79) 116	20,040	12'20	1112
Pemalas	0.00	0.04	***	 17,343	10'20	1	17,155	10'66	117

The preponderance of male births still continues to be a noticeable feature in the record of birth registration, illustrating the theory "that the proportion of male to female births is influenced by the relative ages of husband and wife, the male births increasing as the age of the husband preponderates over that of the wife, as is notably the case in India."

6. There was a considerable decrease in the number of deaths recorded in the selected areas during the year, the total, exclusive of 18,225 still-born children, being 1,245,676 against 1,349,651 recorded in 1882. Dr. Lidderdale rightly hesitates to infer that these figures afford either an absolute or a comparative gauge of the real mortality of the two years respectively. Registration, as he says, is "still lamentably defective." "It has improved so far only as to yield a return which bears a somewhat closer approximation to the true death-rate than the outcome of some former years, and to afford indications of the health condition of the people." This is certainly as much as can be said of returns which for 27 out of 45 districts give a death-rate of less than 20 per mills. It is of course beyond districts give a death-rate of less than 20 per mille. It is of course beyond dispute that the number of deaths registered even in 1882 was much less than the number which occurred in 1883. It would, indeed, he reasonable to suppose that in the case of such a disease as cholera, which is well recognized among the people, a large decrase in the number of deaths registered indicated an actual decrease of mortality from this cause : and when it is found that local reports, apart from statistical data, are to the same effect, a generally sound conclusion as regards the incidence of this malady may be arrived at. In regard to such affections as fever and bowel-complaints, however, no deduction from the registered figures is yet possible, and the general reports are the only material available for the formation of a judgment upon the condition of the public health. The Sanitary Commissioner romarks that "a larger number of the registering circles failed to record deaths at the higher rates of 20 to 50 and above per 1,000 of population. In 1882, 354 of the 644 registering circles contributed to these rates; this year 307 of the 648 circles furnished them." Large omissions are traceable in most of the districts, especially in Darjeeling, Mymensingh, and the Sonthal Pergunnahs. The provisions of Act IV (B.C.) of 1878, so far as relates to the registration of deaths only, have recently been extended to that portion of the Darjeeling district which lies to the west of the Teesta river, and the result of the measure will be to secure some record of the deaths in this tract where registration has hitherto been partically ignored.

7. The proportions in which the urban and the rural circles contributed to the total number of deaths recorded during the year are as follow:—

	3 *			In	1863,	In 1	882.
		•	10 J.	Deaths.	Ratio per **	Deaths.	Ratio per millo.
Urbai	11	441	484	67,383	27 28	70,001	31.05
Rural	, ivi	44 *	701	1,175.293	18:49	1,278,050	20'00
Provi	nce			1,245,676	18:82	1,349,651	20.41

These figures exhibit a diminution in both the urban and rural circles, the former to the extent of 9,218 deaths, or at 3.77 per mille of population, the latter to the extent of 94.757 deaths, or at 1.51 per mille. The following table shows the mortality during the year from specific causes as compared with that for the year 1882 and the quinquennium 1878-82:—

			Pror	ORTHON OF	DEATHS FE	נמיד עט 1,990 נו	TLATION			
NAME OF DISBASE.		In 1885.			In 1882.		In 1878-52.			
	Urban,	Bural.	Province.	Urban,	Rural.	Province.	Urban.	Rural.	Province	
Cholera	3:64 127 19:77 9:54 40 0:61	1:27 :14 13:81 :73 :35 9:16	1'96 '14 13'91 '63 '35 2'30	4179 134 15172 3193 4 134 5 86	2:67 '20 14:00 '81 '32 1:98	2.75 20 14.06 29 28 2.12	3'45 '80 30'16 4'19 '43 5'H7	1:53 227 21:70 -71 -32 1:04	101 122 1157 88 783 190	
All causon	27 29	15:49	16 82	31'65	20.00	211161	30:33	16:20	10'75	

Cholera, small-pox and bowel-complaints would appear to have proved less fatal in 18-3 than during the entire period 1878 to 1852. Fever was, according to these figures, less severe than in 1882, though considerably more so than in the quinquennium, 1878-82. The number of reported casualties from injury and other causes was slightly higher. The statistics collected during the year "again indicate that the cold or dry season is the unhealthiest in the Province, as it is during this period that cholera, fever, and bowel-complaints cause the greatest loss to life." The recorded mortality among infants is still very high, though the recorded urban ratio 178.70 is below that of England, which is said to be 182.6. The death-rates per mille of population according to nationalities were—Christians 12.52, Hindus 18.45, Mahomedans 19.91, Bhuddists 11.84, other races 15.21. The casualties among the Bhuddists was higher than it has been during any year since 1878.

8. The birth-rate in Calcutta was below that recorded for the other

Bougal towns, while the death-rate was below that recorded for the other Bougal towns, while the death-rate was higher, being 17·15 and 28·44 respectively, against 22·08 and 27·28. The remarks that were made on the statistics furnished in the report for 1882 apply to those contained in the present report. Owing probably to a more correct diagnosis, the death-rate from fever is shown to be less, and the death-rate from "other causes" to be greater in Calcutta than in the other Bengal towns. The average mortality in the cantonments in Bengal, with a population of 33,991, rose from 13·35 per mile in 1882 to 21·50 per mille in the year under review, the chief cause of death being fever. The death-rate was highest in the Hazaribagh Cantonment. Only one death took place in Fort William. Of 21,005 European seaman who visited the Port during the year, 1,948 were admitted into hospital, of whom 81 died. There were 10 casualties besides, which occurred out of hospital. The death-rate was less than in the previous year, being 48·92 per mile against 55·80. The number of deaths among the native floating population was 178 against 186, or at the rate of 7 per mille against 7·32 in the previous year, cholera being the chief cause of death. The Native Inspector, who has been appointed to surpervise the floating population, is reported to have done his best to trace cases of sickness, and get them removed to hospital. In alluding to the healthiness of the Port during the year, the Sanitary Commissioner records the following remark, which the Lieutenant-Governor gladly reproduces: "On the whole, therefore, the year under review must be pronounced to have been a healthy one, which is a matter for congratulation, and indicative of the care and attention bestowed by the Health Officer on the sanitation of the Port."

9. Unlike the year 1882, the most prominent feature in the sanitary report for the Province during 1883 was the decrease in the registered mortulity from cholera in both urban and rural circles, "The disease was present in all the 618 registering circles in the Province excepting 46, prevailing epidemically in only 47 against 115 in 1882, severely in 64 against 118, and mildly in 491 against 376, and it attacked only 6.55 per cent. of the villages against 10.98 per cent. The casualties amounted to 90,439, and the death-rate to 136 per 1,000 of population, the reduction on the figures of 1882 being 91,913 deaths, or at 1:39 per 1,000, and on the average of the lustrum, 1878-82, 16,107 deaths, or at 25 per 1,000." The following statement shows the comparative registered mortality from cholera in urban and rural circles :-

				ln '	1853.	In 16	82.
				Deaths.	Ratio per mille,	Douths.	Ratio per
Urban circles Rural	400	.,,	***	8,993 81,446	3:04	11,830 170,532	4:79 2:67

The districts which would appear to have suffered most were Nuddea (169), Julpaiguri (4·17), Gya (3·73), 24-Pergunnahs (3·47), Shahahad (3·24), Howrah (3.00), Backergunge (2.40), Jessore (2.21), Darjeeling (2.12). Balasore (2.12), and Cuttack (1.95). A noticeable feature in the cholera history of the year is the progress of the disease in the Darjeeling district. "Commoncing in the Terai, the disease spread over the whole district with epidemic virulence, excepting the large hill tract east of the Teesta and several villages west of that river. Localities which had not been visited since 1577 were invaded this year; tea-gardens and other places further in the hills than Darjeeling were attacked; plains and hills were both affected; the Darjeeling Municipality at an elevation of over 7,000 feet did not entirely escape." The recorded death-rate, which is believed to have been considerably under-stated, was 2:12 as stated above against 35 per mille in 1882. The disease was most severe in the dry and hot months of April, May, and June, and as usual subsided during The reports of the year continue to show that the disease, however propagated, is "fostered by the filthy habits and overcrowding of the population" Some attempt was made by the Civil Surgeon of Gya to discover the etiology of the disease, which broke out simultaneously in many parts of that district with unusual virulence; but although he visited many of the affected localities, his enquiries led to no satisfactory result. The conclusion he localities, his enquiries led to no satisfactory result. The conclusion he arrived at was "that the disease spread irrespective of lines of traffic, and that the prevailing winds did not influence its course." In no instance was the disease traced by him to importation. The subject of the origin and propagation of cholera is attracting much attention at present in consequence of the important discoveries which are thought to have been made by Dr. Koch and the German Cholera Commission. The Government of India have resolved to institute special enquiries, and have deputed for this purpose Dr. D. D. Cunningham, an officer of exceptional qualifications. Instances were brought to notice in which cholera was imported by coolies on their way to Assam. the medical arrangements for their charge being defective. Measures are being taken to ensure a more efficient supervision in future; and at Mugra, in the district of Hooghly, through which large numbers of coolies pass during the first half of the year, arrangements have been made to provide for their medical inspection and treatment when sick. It is not, however, possible, in the present state of the law, to enforce sanitary regulations in the case of free labourers. The conduct of the Nawab Bahadoor of Moorshedabad and of the Rajah of Deo, and Zemindars Sham Lall Mitter and Nundo Lall Bose of Gya, in affording medical relief to the cholera-stricken among their tenantry, is highly commendable

The attention of the Suburban Municipality was drawn to the remarks made in the last report on the condition of certain bustees in the suburbs, and the Commissioner and Magistrate of the district were requested to give their personal attention to the matter. The Lieutenant-Gevernor has also recently called for a report on the condition of the bustees near Cossipore. During the year the Lieutenant-Governor announced his intention of relieving the Municipality of a charge of Rs. 38,000 a year on account of police to assist

the Commissioners in making adequate provision for the extension of filtered water to the suburbs. A portion of the funds thus set free was also to be devoted to the sanitary improvement of the Municipality. The whole question of the measures to be taken for the reform of the suburban bustees is under consideration.

10. Small-pox played a comparatively minor part during the year under review, the recorded number of deaths from that disease being 9,714, or a ratio of 14 per mille of population, against 13,651, or a ratio of 20 in the previous year. With the exception of the years 1875 and 1877, when the number of deaths recorded was 5,280 and 8,088 respectively, the mortality from small-pox in 1883 was lower than that of any year of the preceding decade. It is hoped that still better results will ensue as the value of vaccination becomes more generally known and appreciated. The disease prevailed with more or less severity in 30 circles against 33 in 1882, and was absent from 284 against 280. The proportions in which the urban and rural circles contributed to the total mortality are as follow:—

					843.	lu 1892,			
			Deaths.	Matin per mille.	Dontha.	Ratio per mille.			
Urban circles	400	***	***	672	·27	863	'34		
Rural	143	***		9,042	14	12,798	-20		

The disease was found to be specially prevalent during the hot months of March to June. The largest number of casualties occurred among infants and children under 12 years of age, the proportion of deaths among them to total deaths being 71:04. The districts which suffered most were Cuttack (1,570). Pooree (841), Chumparnn (657), and Mymensingh (643). Bogra was the only district in Bengal which enjoyed perfect immunity from the disease throughout the year.

11. The total registered mortality from fever was 913,766, the death-rate being 13.81 per mille of the population under registration, against 929,948 with a death-rate of 14.06 per mille in 1882, showing a reduction of 16,177 in the number of deaths, and of .25 per mille in the death-rate. The comparative mortality registered in urban and rural circles during the last two years is shown in the following statement:—

			In	1883,	ln 1889.			
Urban circles Rural ,			Deaths.	Rati per mille.	Deaths.	Estio per mille.		
Urban circles	***	***	34.025	13.77	38,793	15:79		
Rural ,	+ 4 4	000	879,741	13.81	891,151	24		

The seasonal incidence of fever, as illustrated by the mortuary statistics recorded during the year, again shows that the disease is most fatal in the cold weather after the rains have ceased, especially during the months of November and December "when the sodden soil is rapidly drying, and there is a great daily range of temperature." As in the previous year, the disease was most virulent in the Burdwan, Presidency, and Rajshahye Divisions. The districts which suffered most, and the mortality recorded in each, compared with the figures for the previous year, are given in the subjoined table:—

Dudraoth.			1n	1883,		1892
PHINOIS.			Douths,	Ratio per mille,	Deaths.	Ratio per millo.
Rajshabye	* 0 0 0	000	40,331	30.13	82,450	21.54
Nudden	600		45,705	27.60	60,919	80:50
Burdwan	9 9 9		32,502	23.35	40,173	28-80
Јавиоте	* * *	0.00	44,882	28.14	84,090	22.03
l'uboa	0.00		29,436	22.48	23,575	17.97
Beerbhoom	4 + +	861	17,698	22.27	21,945	27-62
Moorehedabad	449	***	26,734	21.79	81,921	26:01
Bogra	814	***	14,184	29:31	14,487	19:72
Khulns	448	***	18,941	17.53	30,144	18:65
Dinagapora			26,014	17-17	28,648	15.61

These figures indicate a diminution in the fatality of the disease in hearly all the districts named, the exceptions being Rajsbahye, Jessore, Pubna and Dinagepore. In Rajsbahye, where the public health has been gradually deteriorating, the chief cause of suffering is attributed to a deficient and vitiated water-supply. The remarks of the Civil Surgeon on the subject will be brought to the notice of the Commissioner of the Division. It is satisfactory to see that the viruleuce of both the Burdwan and the Nudden fevers is diminishing, the former at a rapid rate. There are, however, signs that it is spreading into adjoining districts, such as the Sonthal Pergunnalis, which have hitherto enjoyed a happy and remarkable immunity. Of the local enquiries instituted into the cause of fever in the various districts of the Province, mention is made in particular of the enquiry made by Dr. Ghose, Civil Sergeon of Bankoora, which has led him to form the opinion that "soil moisture is not per se the cause of fever, but that so long as the contagion, whatever it might be, was not introduced either by human agency or from village to village by the wind, the humidity of the soil did no harm, but the contagion once falling on congenial ground multiplied in abundance, in proportion to the soil moisture, and caused the disease. Where the moisture in the soil, owing to the proximity of a marsh, is perennially damp, there the fever prevails the most." The Civil Surgeon of Maldah remarks that "groups of people congregated thickly together in villages surrounded by soil sodden and saturated by the excremental discharges of years, little or no ventilation, air poisoned by the miasmutic exhalations of decaying animal and vegetable debris, and water rendered impure by nature and art, are all quite sufficient to account for the spread, if not the origin, of disease in an Indian village." Only four deaths occurred from fever among European seamen in the Port of Calcutta, although the number of cases admitted in hospital exceeded that of the previous year, being 323 against 251. This is chiefly owing to the absence from the Port of enteric fever during the year. There was a decline also in the mortality from fever among the native floating population, the recorded number of deaths being 22 against 26 in the previous year.

- 12. Under the heads of "Bowel-complaints," "Injury," and "Other diseases," the recorded mortality during the year stands at 55,270, 23,670, and 152,817, respectively Compared with the figures of the previous year, there was a decrease of 6,092 in the number of deaths from "Bowel-complaints," and an increase of 2,059 and 12,085 respectively in the casualties from "Injury" and "Other diseases." Under "Injury" the largest proportion of deaths was caused by snake-bite and attacks of wild beasts. Referring to the statistics indicating the seasonal incidence of bowel-complaints, the Sanitary Commissioner observes "that the morning and evening damps and chills and great alternations of temperature of July. August, and September, and the extreme cold night air and heavy dews of January, November, and December, cause large numbers of the poor, insufficiently clad, and poorly fed portion of the population to succumb to the influence of these maladies. To these causes may be added errors of diet, bad water, and malaria as aids to the propagation of the diseases."
- during the year. The operations of the Government vaccinators were extended for the first time to three thannas in the Monghyr district, seven thannas in the Tipperah district, six thannas in the Chumparun district, two thannas in Shahabad and a portion of Jehanabad in the district of Gya. The area thus protected for the first time occupies 6,479 square miles, and contains a population of 3,800,858. On the other hand, five thannas in the Purneah district, seven thannas in the Maldah district, and three thannas in the district of Bhagulpore, which cover an area of 4,416 square miles, and contain a total population of 1,916,568, were for the first time placed under the licensed system of vaccination. The whole of the Darjeeling Circle, with the exception of the hill tracts, is now vaccinated by licensed agency. In addition to the areas dealt with in former years, the areas which were thoroughly protected at the close of the season 1883-84 comprised 37,969 square miles, with a total population of 15,014,069. The circles in which the largest areas were brought under protec-

tion were Ranchi and Eastern Bengal. The following table shows the recorded number of operations performed during the year:-

	CIRCLES.		Total numbers	of vaccinations	EHForen	od in I383-84.
			In 1883-84.	In 1893-83.	Increase.	Decream.
Calcutta	***	***	9,538	11,378	***	1,885
Metropolita	n circles	**	844,643	344,178	417	1,635
Sulmabs of t	Unleutta, including Cooly	Depôts	14,397	15,16 :	6.6.4	755
Tota	of Metropolitan Circles		353,940	359,330		2,390
Darjeoling	Circle	***	321,536	282,201	100	60,755
Ranchi	11		146,293	110,893	35,390	
Southal Perg	unnahs		100,985	134,571		27,546
Eistern Bunj	gul		351,016	242,519	108,498	
Oriesa	4.6		52,542	43,838	8,681	
Behur	76	441	39,627	17,447	22.140	
Tota	of Vaccination Circles .		1.284,467	1,202,321	82,146	
M unicipalitie	es, Dispenseries, &o.	100	76,865	59,104	17.761	
	GRAND TOTAL		1,361,332	1,261,425	99,907	

give of 10.750 reactition came in the vaccination circles and 130 in the municipal area, accremating to one

These figures do not include the number of operations performed at the Inland Emigration Cooly Depôts for the six months ending December 1843, nor do they include the work done by 32 of the vaccinators in the Eastern Bongal Circle, whose returns were received by the Superintendent after his annual statements had been closed. Nevertheless they exhibit a satisfactory increase in the number of operations performed both in the vaccination circles and in the numicipal area. The large decrease in the Darjeeling Circle is accounted for in "the change from Government to licensed agency operations in Maldah and Purneah, the Government agency on the hills having returned an excess of 6,929 operations. It is also attributed to the difficulty of securing subjects to serve as vaccinifers, which prevented the more vigorous pushing on of operations in Bogra, Rajshahye, and Rungpore, and to some extent to opposition to vaccination in the two first-named districts." The reasons given for the fulling off in the number of vaccinations in the Sonthal Pergunnalis Circle are not at all satisfactory, and only tend to show the laxity which prevails in the supervision of the vaccinating establishment in this circle. Now that a separate Superintendent has been appointed, it is hoped that a substantial improvement will follow.

14. The number of successful operations performed during the year in the vaccination circles and the municipal area combined was 1,329,828 against 1,229,058 in 1882-83, the percentage of successful primary cases being 98.66 against 98.60, and of secondary cases 49.42 against 45.12. A higher standard of success was returned by the Calcutta, Metropolitan, Darjeeling, Sonthal Pergumahs, and Eastern Bengal Circles than by the Ranchi, Behar, and Orissa Circles. There was an improvement also in the number of successful primary operations in the municipal area. Of 1,261,771 persons who were successfully vaccinated in the vaccination circles during the year, 1,275,750 were under one year of age, 836,258 were between one and six years, and 259,077 were above six years. In the municipal area the general results are found to accord with those common to the majority of the vaccination circles. It is supposed that "the main reason why a larger ratio of protection is seen among children above one and under six years of age than among infants is that parents or guardians (particularly mothers) greatly fear to expose children of tender age to vaccination, which is considered to be attended with much

risk." The following is a comparative statement of the amount and value of the work performed by the Government and licensed agencies:—

-M-50	1	[pt	-	-		J			-					1		. 22 -	-
		atos	8	-	Painal	W VACCIB	ROITAL		-	Ra-v	WCC130	ACCINATION.		PRECENT SE			- P84
	1	Acob	vaccinated ar.			Bucce	outul.				Successful,			CARRE 5		12 5	Ted Tod
Agencies.		Number of ventployed.	Total number during the year	Total.	Under one year.	One year and under six years.	Above sit years.	Total at all	Total.	Under one year.	One year and nuder six six	Above nix years.	Trtal at all	Primary.	Re-raccination.	Average miniber seconded by e	Proportion of person certically ranconsted L.000 of population,
Livensed accord.	Metropolisan, Dar- jeoling, Ranchi, Sonthal Pergui- nalis, and Eastern Burgal	962	893,066	890,186	124,673	607,304	145,737	677.716	2,867	8	266	3,020	1,20A	99'81	NT 15	988	19:1
Serembent agency.	Calcutta, Suburbe of Unicutta, Dar- jacing, Ranchi, aonthal Parcun- naba, Eastern Hengal, Orison, and Schar	383	391,413	386,509	61,710	228,406	310,071	380,186	5,902	4 5	285	1,263	1,573	88.0k	29'511	1,204	B1g

The work performed by the licensed agency was considerably better than that performed by the Government agency. The number of operations performed by each licensed vaccinator was, however, less than that performed by the Government vaccinators. The relative proportions of the various classes vaccinated to the total number of vaccinations were:—

					raccinations,
Christians	114	***	 4 6 5		-32
Hindus	* > >		 	4.4	56.87
Mahomedans	4 4 9	6 4 5			38:35
Others		0.4.4	 ,		4:44

The public feeling in regard to vaccination continues to grow in favour of the measure, though opposition is still exhibited in every circle. "The most backward districts are Hazaribagh, the Kolhan portion of Singbhoom, Monghyr, and the districts comprising the Behar and Orissa Circles, excepting Patns in the former circle—the stoutest opponents are the higher classes of Hindus, the Marwaris, and the Mahomedan Ferazees-and the chief causes of aversion to the measure are objections based on religious grounds; leading members of communities setting a bad example and inciting the lower classes to resistance, the females baving a strong objection to the measure, while the males are unable to set aside their entreaties; unwillingness to part with the virus from the arm; objection to arm-to-arm vaccination; bad vaccination engendering disbelief in the protective powers of the prophylactic." The Lieutenant-Governor learns with satisfaction that considerable assistance was afforded by many of the District and Sub-divisional Officers, and by a few private individuals, in promoting the cause of vaccination. The Commissioner of Orissa will be asked to report further on the statement that "the Magistrates of Cuttack, Balasore, and Pooreo, although asked, declined to render assistance on the ground that vaccination is not compulsory." The Lieutenant-Governor desires to be further informed of the proceedings of the Sub-divisional Officer of Bagirhat, who refused to see the Deputy Superintendent of Vaccination on

the ground of being otherwise engaged.

16. The Compulsory Vaccination Act, V (B.C.) of 1880, was extended

during the year to the places mentioned below:-

Burdwan District—
Burdwan town.
Ranigungo ...
Kalna ...
Daiuhat ...
Cutwa ...
Bankura bown.
Bishenpore ...
Midnapore District—
Midnapore town.
Kheerpai ...
Ghatal ...
Chundrahont ...
Ranijbanpore ...
Tamlook ...
Buddesher towa.
Bankura ...

Bydobati town.
Kutrung
Serampore

"Utterpara"

24-Pergunnahs Diatrict—
North Suburban or
Baranagur town.
South Suburban town.
Rejpore
Barripore

"Joynagar
South Dum-Dum"
North ditto
"neluding cantonment.
South Barrackpore town.
Including Cantonment.
North Barrackpore town.
Baraset town.
Nathati
"

Banirhat town.
Taki
Baduria
Gobardanga
Gobardanga
Noddea District
Krishnagar town.
Bantipore
Ravaghat
Nuddea
Kushea
Meterpore
Birnaguar
Kumurkholi
Jessore District
Jessore
Kotechandpore
Kutachandpore
Khulna District
Satkhira town.

Chanduria town.
Debhata
Mundhedabad District.—
Bernanporas tawn, including Cantonment.
Leibagh town.
Kandi
Jangipure
Maldah District.—
English Bazar town.
Cuttack District.—
Cuttack Cantonment.
Bhagulpore District.—
Bhagulpore town.
Kolpeng
Bhagulpore thana.
Kumargunge
Kolpong
Kolpong

The reports of the year show that the law was introduced into the places named without much opposition, and was found to work satisfactorily. Both the Civil Surgeon of Midnapore and the Cantonment Magistrate of Dum-Dum consider the existing law to be defective in so far as it does not give the local authorities absolute power in the enforcement of its provisions. The Act continued to work smoothly in all the places to which it had been previously extended, with a few exceptions, principal among which was the town of Gya, where the wealthy class of Hindus and the priests of the old town of Gya, were the most determined opponents. Six hundred persons were prosecuted for resistance, and of this number 36 were fined Rs. 105-8, the rest being discharged with a warning, which had a wholesome effect. The fees realized during the year from home vaccination, which was carried on in addition to depôt vaccination, were—in Gya Rs. 153-4, in Monghyr Rs. 111-8, and in Jamalpore Rs. 25-8. Notwithstanding the measures taken to prohibit the practice of inoculation, it was found to have been carried on clandestinely in many parts of the Province, and much of the good effected by vaccination was thereby counteracted. The protection afforded by vaccination against small-pox is again proved by the results of the past year, which show that, while the mortality from small-pox in the areas unprotected by vaccination stood as high as 25 per 1,000 of population, it amounted in the fairly well protected areas to only 17 per 1,000, and in the thoroughly protected areas to the still lower ratio of 07 per 1,000.

17. The principal feature in the history of vaccination during the year was the great increase in the use of bovine lymph. Experiments were freely made throughout the Province, and the results were generally as successful as those achieved by the use of humanized lymph. efficacy was found to be greater when used direct from the calf than when The following opinion is recorded by Dr. Gupta, whose transmitted in tubes. experiments with the bovine virus in Calcutta were well conducted :- "Whenever lymph, direct from the calf, was used, success was certain : so with good lymph in tubes and used by skilful operators. In cases of failure the causes of non-success were the mixture of serum, blood, and other impurities. In such the lymph is generally coagulated, and comes out like a thread from the tube. That the bovine lymph seems more potent appears from the following facts. The fever is stronger and sets in earlier. The swellings and irritation of lymphatic glands are always greater, and, sometimes, where humanized virus had failed, bovine lymph has succeeded. In the districts (comprising the Metropolitan Circle) the inspectors and vaccinators remarked that the virus was stronger and never degenerated and died out as in former years. In persons who were inoculated during childhood, the bovine lymph has been successful. In re-vaccination cases with calf lymph the percentage of success is much higher than with humanized lymph. Bovine lymph possesses another great advantage over humanized virus, viz, that we always have a plentiful upply whereby we can meet any sudden demand." Vaccination with bovine lymph is now greatly appreciated, especially by the Christian community. It is said that the demands for it during the year were so numerous that the establishment was barely able to cope with them. In no less than 1,352 instances the calf was required to be taken for vaccination to the houses of private persons, and a proposal is now made to charge a fee in such cases in order to meet the expendature involved. The Sanitary Commissioner considers that it is fully time that the bovine vaccination scheme should be made a permanent institution, and the Lieutenant-Governor will be glad to consider any specific proposals that may be made with this object.

18. The total expenditure on vaccination during the year amounted to Rs. 1,31,274-1-4 against Rs. 1,24,083-12-6, the total expenditure in the previous year, exhibiting an increase of Rs. 7,190-4-10. Of the total expenditure, Rs. 58,518-2-9 represents the cost of the operations conducted by the Government establishment, Rs. 68,910-3-8 that of the establishment provided by Government for supervising the operations of the licensed vaccinators, and Rs. 8,845-10-11 the cost of vaccination to municipalities. In addition to the regular expenditure, several sums received as private contributions were expended in aid of the work. The cost of each successful operation performed by the Government agency was 2 annas 5\frac{1}{2} pies, and that by the licensed agency 1 anna 1\frac{1}{2} pies, aggregating 1 anna 6\frac{1}{2} pies for both departments, or \frac{1}{2} pie less than the aggregate of the previous year.

19. The percentage of municipal income which was expended on sanitary works during the year was 34 against 31 in the previous year, and on roads it was 18, the same as in 1882. The following table shows the special purposes for which the amount allotted for the sanitation of towns was expended.

NATURE OF WORK.		Total	Cosr.	DIFFERENC	R 18 1850,
NATURE OF WORK.		In 1883.	In 1882.	Enurouse.	Decrease.
		Ra.	Rs.	Rs.	Ra.
Conservancy, including late		3,07,951	2,61,509	46,442	****
Ditto establishment		3,25,860	3.12,757	19,103	4 5 1
Drainage		98,097	1,36,778	*	40,678
Water-supply		1,60,349	31.092	1,29,357	131
Disposal of the dead	***	7,620	6,917	712	
Markets and slaughter-hou	1808	16,533	14,170	2,363	***
Vaccination A	141 144	10,992	12.048	4.1	1.506
Treatment of the sick	***	1,49,839	1.24.993	41.316	***
Other manitury works		53,(24)	55,168		2.088
Ta	tai	11,47,930	9,35,129	1,02,501	43.822
Construction, maintenance,				-,	
ronds		6,06,160	5.70,200	35,960	
Total, including roa	ds	17.54.090	15.25,620	2,28,161	43,822

The large increase under the head of water-supply was chiefly owing to the expenditure on the Burdwan water-supply scheme, which amounted to Rs. 1,10,5±9; to the extension of the Darjeeling water-supply to Kurseong at a cost of Rs. 10,523; and to the improvement of defects in the water-works at Dacca, which cost Rs. 2,638. The districts in which the largest proportion of municipal income was devoted to sanitation were Julpigoree, Rungpore, Sonthal Pergunnahs, Hazaribagh, and Burdwan. Those in which less than an equitable share of municipal income was expended on sanitary improvements

were Khoolna, Mymensingh, Noakholly, and Chittagong.

20. Schemes for the improvement of drainage were inaugurated, and in most cases taken in hand in Serampore, Ghattal, Berhampore, Lalbagh, Azimgunge, Dinagepore, Chittagong, and English Bazar in Maldah. Some progress was made in the Cuttack drainage scheme, which was commenced in 1879. Obstructions to drainage were removed in Nuddea, Moorshedahad, and Dinagepore. In the Sonthal Pergunnahs, a survey of the great swamp to the south of Rajmehal, which is a source of much disease, was made with a view to improve its drainage. Since the close of the year a report has been submitted on this subject, but as it appeared to the Lieutenant-Governor that the efforts made by the local landholders, who would be the chief gainers, were quite inadequate, he declined to grant any assistance from Provinwere quite madequate, he deemed to grant any assistance from Provincial funds. Much progress was made during the year towards the completion of the Burdwan water-supply scheme, and some good work was done in improving the water-supply in the towns of Berhampore, Daeca, English Bazar, and Kurscong. A Bill to provide for the extension of the Calcutta water supply to the Suburbs has been introduced in the Legislative Council, and it is hoped that, in the course of the current year, material progress will be made with the works. A scheme has also been proposed to provide a supply of filtered water for all the riparian municipalities on the right bank of the Hooghly, from Howrah to Scrampore. The difficulties in the way of carrying this into effect have been found more considerable than was anticipated, and some delay is likely to ensue before the details are worked out. The Lieutenant-Governor, however, attaches a high degree of importance to it, and he would be very reluctant to admit that the obstacles are altogether insuperable. Every assistance that can legitimately be given will be rendered, and it is hoped that before long some feasible solution will be discovered. Meanwhile the proposal is under the consideration of Government.

21. The Lieutenant-Governor is again compelled to notice unfavourably the comparatively small amount of sanitary work done by officers of the Department. This subject was prominently aliuded to in the Resolution recorded last year, and in view of the instructions then issued by the Sanitary Commissioner, and the remarks made by Government, it was hoped that the records of the year under review would show a marked improvement in this respect. Some slight advance there is, but much less than the Lieutenant-Governor considers he has a right to

expect. It should be distinctly understood that the primary duties of the department under the Sanitary Commissioner are of a sanitary nature. Vaccination is merely one branch of a subject which embraces all matters affecting the public health. There has been in the past a marked tendency on the part of the Sanitary Department to magnify its vaccination duties at the expense of those of a more general character. It was to check this tendency that the Lieutenant Governor desired the Sanitary Commissioner to prescribe forms of diaries and to lay down rules to secure a greater amount of attention to sanitary work proper. It is therefore disappointing to find in a Report, which, exclusive of appendices and figured statements, extends to 107 printed pages, only six pages devoted to this subject. The Lieutenant-Governor is aware that Dr. Lidderdale resumed charge of the office of Sanitary Commissioner only a few days before the close of the year to which the Report relates, and he is therefore not responsible to a great extent for the shortcomings in question. Mr. Rivers Thompson trusts that the Sanitary Commissioner will now take such measures as will ensure that in the current year the disproportionate division of the attention of his Department between the several branches of their work may be thoroughly rectified.

By order of the Lieutenant-Governor of Bengal,

COLMAN MACAULAY,

Secretary to the Government of Bengal.

Rainfall, Weather, and State and Prospects of the Orops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different District of Bengal, as reported to Government during the week ending the 18th August 1884.

3	Na.	District, an		te of		Ruinfall at Sudder Station in inches	
BEI	NGAI	L .					•
		Western D	istri	ote.			
	, 1	Burdwan.	Ans	. 16	184	4.28	Weather-cool and comparatively dry, with occasional showers of rain. Good
		Culva Cutwa Rancegung			111	2·21 0·91 3·81	showers of rain fell at the Sudder and the Ranceguage sub-divisions, but there has not yet been enough for agricultural operations. Prespects continue doubtful; transplanting being much checked and delayed. Prices not changed, but there is a tendency to rise still. Public health generally gland.
E	3	Bankoora, Bishenpore Maliara	30	18	91	9-77 4-02 4-63	Considerable rain fell during the lattur part of the week. Prespects of aman crop not at all favourable. Want of sufficient rain is a general complaint. Prices somewhat higher than last week. Public health very good.
DIA	8	Khattra Beerbhoom,	99	16	71	1·51 8·78	Weather - seasonable. Adequate rain in many parts of district towards the end
BURDWAN DIFR.	1	Rampore I			P10	8:08	of the week. Transplanting of paddy seedlings progressing well in consequence, Crup still very blockward and full cultivation impossible. Price of rice high. Public health satisfactory.
Bri		Midnapore,	93	16	30	2.86	Woather—seasonable. Itain still wanted in north of district; elsewhere transplanting of amen paddy drawing to a close. As crop promises well. Public health fair.
	8	Hooghly, Serampore Jehanabad	9.0	16	31 111	4·46 4·02 0·23	Weather—sessonable, Good showers of rain during the last two days of the week have much improved prospects of crops. It is doubtful if the rain has come in time to enable all the seedlings to be planted out. Health good for the time
1	1	Howrah, Oolooberia	b "	18	23	2:92 0:86	of year. No rise in prices as yet, Weather—cool with frequent heavy showers of rain. Early paddy is coming into car and promises fairly well Amer is being transplanted and looks well, but more cain still required for its development. Public health good- Prices stationary.
		Central D	istri	ote.			•
	6	24-Pergunnaha	Aug	z. 18	'84	2.96	Weather—commable. Prospects of any paddy, jute, and sugarcane good. Assembling harvested, and the yield is estimated at about 12 annas. Transplanting of amous sapidly going on. Weather has lately been favourable to all crops. Public health generally good
PRESIDENCE DIVE.	7	Nuddea, Kocahten Chocadang Meherpore	M.	16	800 14 24.0 22.0	1.74 2.88 1.91 2.13	Wasther—cloudy and rainy. Harvesting of ans continues. More rain wanted in places for transplanting of amen. Fever continues.
DEMO	8	Ranaghat Khooloa,			***	1.79	Not received.
Parent	9	Jessore, Jhenida Magoorah Narail	≜ug ,	, 16	*84	9-71 5-44 1-64 2-8	Weather-rainy, Ames crop has benefited by recent rain. Transplanting of ames quatinues. General health good,
	. 10	Moorshedabad, Laibagh Kandi Jungipore	10	16	85 60 74	4:21 2:38 8:79 3:22 1:77	Weather—cloudy sind rainy. Prospects of assess much improved by recent rain, but seedlings in many places are almost too big to be transplanted. Asse on high lands a poor crop, hardly worth cutting; on churs in the north much of this crop and of jute has been flooded by the recent rise of the rivers. Public health good.
	11	Dinagepore,	Aug	. 25	184	3:87	Weather - seasonable, with good showers of rain. Standing crops doing well. The recent rain has facilitated transplanting of sease paddy. Price of rice
	18	Rajshabya, Nattora	10	16	90	4·10 1·80	varies from 13 to 16 seers per rupes. Weather—slightly hot. Prospects of cames fairly good. Transplanting of rope amus has been put of for want of sufficient rain. Public health good.
Drvie.	18	Nowgong Rungpore Nilphamar Gasbanda	i "	16	80 90 14	3 29 6 94 2 62 1 15	Weather-hot and cloudy. Recent rain has greatly facilitated transplanting of emus, which is going on actively. Malarious fever provalent.
RAPSEANTS DITTE.	14	Kurigram Bogra,		16	90 ·	1.88	Weather—cool. Late showers have done some good to standing crops, but more rain wanted. Transplanting of amus going on slowly. Aus and jute being reaped. Excepting a few cases of fever and sparadic cases of choices,
2	16	Pubna,	10	16	10	3-17	public health generally fair. Wentuer—hot, with occusional showers of rain. State of crops favourable. Rivers have risen considerably. More rain wanted.
	10	Darjeeling,	34	16	20	4:27	Weather-wet and warm. Prospe to of crups good. A few cases of cholera reported; fortend-mouth disease amongst cattle abuting. Public health good.
	17	Julpigores,	39	16		12:68	Weather—seasonable. Prospects of crops favourable. About half of the scodlings of Assimanti crop transplanted. Public health good.

2	ίο.	District, and date of return.	Rainfall at Sudder Stationer inches.	
EZ	(GA)	L. – contld		
		Eastern Districts.		
1	18	Dacca, Aug. 16 'Be	-	Weather bot, with occasional rain. Harvesting of early paddy and jute con- tinues. Injury to standing crops apprehended owing to fail of river and
		Manickgunge Moonsheegunge	2:41	insufficient rain. Public health good.
	19	Furreedpore, , 16	2·25 4·23	Weather-seasonable. State and prospects of crops generally satisfactory;
- {	40	Gonlando	2:40	but in the Madacinors sub-division they are less satisfactory. More rain wanted
		Madaripore	1 37	there and in the Goalunde subdivision. Jute is being steeped. Ass harvesting continues. Public health generally good
	20	Backergunge, " 14 "	0.29	Weather—cloudy. Rain wanted. Prespects of ages crop good. Transplanting of amus crop still going on. Public health good. Cattle-disease docressing.
-	81	Mymensingh, , 15 ,	5 49	Weather-cloudy and cool. Prospects of crops good.
		Lisheregunge	2.50 2.41	
		Attin Netrokopa	1 89 5:28	
	22	Chittagong, Aug. 18 '8	2.68	Weather-seasonable. More rain wanted. Prospects of crops good Trans-
				plenting of amon continues Harvesting of and completed. Prices stationary Cholora and cattle-disease still topo-tad.
1	28	Noskholey, , 15 "	4.25	Weather-warm and sultry, at times cloudy. Scanty rain occasionally. Am
		Penny	2 07	paddy being reaped. Outturn expected to be about 12 annas. Transplanting of amus continues. Sparadic cases of cholera reported. Cattle disease
	24	Tippernh, 15	1.63	much abated. Weather-hot and showery. Assess crop on high lands suffering for want of
1		Brahmunberiah	1.60	rain. Prospects on the whole, however, fair, but rain still needed. And exor
		Chaudpore	3.20	in the Sudder sub-division reported poor. Hervesting of and and jute progressing; inconvenience in steeping the latter is felt for want of water
	25	Chittagong Bill , 13 ,	1-98	Public health good, Wenther-mornings cloudy. Light showers of rain daily. Jum paddy spening
1	-	Tracts.	1.00	in some places. Sugarcane thriving well. Prospects of cotton crop good
1		Hill Tipperah , 13 ,	-38	In some places cotton trees are flowering. Wenther-warm. Amus being transplanted. Jam crops getting on well
				l'ublic health good.
K E	AAR.			
,	96	Patna, Aug. 16 '84	3.69	Weather-hot and cloudy. The recent rain has greatly benefited blades crop
1		Hehar	1.61	Paddy seedlings, which began to wither, will now he revived, and transplanting
1	27	Dinapore 16	9:31	on low lands will be carried on. Cholera and fever reported from interior. Weather—changed on Sunday evening, the 10th. Ever since rain and cloud
1		Anrungabad	9.20	have been spreading over the district from the south-west to the north-cost
١		Jehanabad	3.2	State and prospects of crops greatly improved. Transplanting going of vigorously. Bhadoi crops which had been drouping are revived. With
1				favourable weather in the end of the acason, fair crops may be expected.
ı	28	Shehabad, , 16	3 03	Weather—seasonable. Recent rain has improved prospects of standing crops
		danaminai	1.95	especially paddy, but more still wanted in the Bhubbhua and Buxar seb-divi- atons. Transplanting progressing briskly.
	29	Durbhanga, , 16 ,	1:6	Weather-cloudy; sometimes stormy. Some rain fell in Tajpore, and prospect
4		Madbubani Tajpur	1.23	have generally improved. Rain very badly wanted in the audder and Madhu
5	-		3.62	bani sub-divisions both for bhades and aghans crops. Prices gradually rising l'ublic health good
£ [80	Motufierpore, " 18 "	2 39 4 86	Frequent tain, though partial and irregularly distributed; clouds and sunshin alternately. The inimall has secured bhadoi harvest; sama, marwa, kausi
		Најірого	1.59	junera, and maise all promising. The people are busily engaged in taking
	81	Sarun, , 16 ,	5 60	advantage of moisture to transplant paddy. Weather-sessonable, with heavy showers of rain. Bain, though unequali-
		Sewan	3.45	dustributed, has soon general throughout the district, effecting a material im
ı		Animilarita	4 98	provement in the prospects of Indian-corn and other bhado crops. Owin to a rise in the Ganges, crops on dearsh lands have in places been destrayed
1				Transplanting of paddy going on briskly, but more rain wanted for transplant ing on high lands. Manufacture of indigo, first cutting, completed, but the
1				outturn is very disappointing. Prints fairly steady. Cases of cholera have
1				been reported from the Barowli outpost in the Gopaigunge sub-division; other wise public health good.
1	83	Chumparun , 16 ,	1.80	Weather-hot and cloudy, with frequent showers of rain. The recent rain ha
8				done shuch good to bhadai crops which are looking very well, but more rain auted for transplanting of aghami paddy.
	83	Monghyr, Aug. 16 '8-	3-97	Wenther-showery. The late rain has benefited standing crops very materi
1		Beguseral	1.80	ally. Transplanting of aghani, which had been interrupted, is now being
	34	Bhagulpore, , 18 ,	4.77	pushed on vigorously. Public health good. Prices stendy Want of rain in the Sudder and Scopole aub-divisions, has retarded trans
1		Bauka	8.80	pla-d'un of paddy. Paddy seedlings have been injured. Bhadol or antum
1		Boopole	5:94 0:10	crops being cut, and outturn not expected to exceed 8 annas. Heavy rain Banka and Mudhepoors has improved prospects of crops; pathly being
				transplanted wherever there has been sufficient rain. Price of rece in rises generally; at the Sudder station it is selling at 12 seems 10 chittack
	-	Managar h		рет тиров
-	25	Purneah, ,, 16 ,,	4/21	Weather showery. Bhadel much damaged from drought. Transplanting stopped till lately, and seedlings damaged. Inundation from Gauges in south of
		,	L	district and from Kosi in west. Health fair.

No.	District, and date of return.	Rainfall at Sudder Station in inches.	
BEHAS	t—concid.		
7 could.	Maldab, Aug. 16 '84	3-58	Weather—cool and cloudy. For want of sufficient rain very much land in the Barindra remains to be transplanted out with Assimant's paddy. The rain fall of the week has done some good to standing crops in certain place. Multitudes of grasshoppers doing much harm to crops in than Kharba an also in the thansa in the Barindra truct, viz. cast of the river Mohanands.
2100 - Cart 2000 and	Sonthal Perghs 16 Droghur Godda Rajmehal Jantara Paktour	1.93 1.51 1.16 1.03 8.43 3.00	Prices of food grains stationary. General health good, Rainfall has been general, but hardly sufficient for all purposes. Indisn-cornary now be considered safe, though the yield will in places be affected by scant rain of the past two weeks. Paddy, which has been transplanted, now doin well, but a good deal remains to be put out; the rainfall is still inadequate for transplanting paddy on high lands. Small-pox continues at Sahebgunge, an cholera re-appearing in the Sudder sub-division.
ORIS8	▲-		
. (18	Cuttack, Aug. 15 '84	4:95	Weather—seasonable and cloudy. Heali in car, and in some places ripening. Sered being weeded and growing well, Common rice selling at from 16 to 2 seers per rapee in the town, and 22 to 28 seers in motusell. There was one
39	Poores, , 16 ,,	1:15	ciont rain hat week almost all over the district. Public health generally good with exception of a few cases of cholera in the interior. Weather—hot and cloudy. Transplanting and weeding of sered crops going of except in the tracts on the Chilka, where rain much wanted. More rain wanted everywhere. Miscellaneous crops doing well. Common rice solling an average of 22 seems 6 chittacks per rupee in the Sudder sub-division, 24 seems.
40	Balasoro ,, 15 ,,	8.50	S chittacks in the Khords sub-division. Cholers still reported. Westher—cloudy with light showers of rain at intervals. Rain has falle almost everywhere in the district. Weeding and transplanting of soxad crogoing on. More rain wanted in Chukla Agarpara of the Bhadrak sub-division. Public health good. Price of rice stationary.
HOTA	NAGPORE.		
Sou	th-West Frontier, Agency,		
41	Hamribagh, Aug. 15 '84	4-57 V	Fonther—seasonable. Prospects of bhadoi crops good. The late rain has greatly benefited paddy. Prices of food-grams continue high. Cholers an annell-pox reported from certain police stations; otherwise general heats good
43	Lohardugga, ,, 18 ,, Palamow (8th Aug. to 12th idem.)	4·26 3·23	wenther—sessounble. Heavy rain during the week. Prospects of crops goe in consequence. Prices, however, have not improved as yet, and in some place have slightly risen. Public health good.
43	bingbhoom, , 15	2.39	veather—bright and hot. Prospects continue favourable. Indian-corn, padd and all other crops promise well. Public health and condition of cattle good
64	Manbhoom, ,, 16 Glovudpore Barabagar (up to 13th:	4·15 8·03 1·56	and all other crops promise well. Public health and condition of rathe good progress, though want of rain is still complained of in places. Indian-cor and other autumn crops premise well. Course rice selling in the Puruli market at 195 sours per rupes. Cholera and small-pox still reported from certain places.

Published for general information.

CALCUTTA, STATISTICAL DEPT.,
The 19th August 1884.

COLMAN MACAULAY,
Secy. to the Goot. of Bengul.

PRICES-CURRENT of Food-grains, Firewood and Salt in the

		RETAIL SALE:—QUANTITIES PER E												RUPE	R By				
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Listricts of Bengal for the Fortnight ending the 15th August 1884.

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I In the sub-divisions the retail prices of salt per super were re-Guibanda 14 sours, Kurigram 13 sours and Nilphamari 12 sours

K The retain price of ault at Kurseone was 8 overs, and at binigores 10 seers per rupes.

M In the out-unstations the retail proceed only persupe were: - M mickguings 12 noors, Mornahagrange 10 acers 10 chittacks, and N-rainguings 13 a er

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PRICES-CURRENT of Food-grains, Firewood and Sult in the

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^{*} Return not received.

I the total price of sait in the interior ranged from 10 to 12 sees has subset in the other parties of sait in the interior ranged from 10 to 12 sees has subset in the

CALCUTTA, The 19th August 1884.

The retail game of east in the interior ranged from 9 to 12; seems per rupes,
In the soft-divisions to retail prices of sail par rupes were: - Heatmann creak 13; seems and Chambron 19; seems

b in the sub-divisions the relad prices of sait per rupes were: - tispeoper 17 a cr, and 5 community over the transfer of the

PRE MAUVE OF

Districts of Bengal for the Fortnight ending the 15th August 1884 .- (Concld.)

SEER OF SO TOLAHS.

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	Ragi	ink dal ton b	d prawa	Mai	OH COM	Indian-		GRA	M.		Fire	woop,			SALT		1		SALT		
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WHOLESALE PRICES-CURRENT of Food-grains, Fire-wood, and Salt in

						11.	n w	AT							-	Ваг	ul.	OK.	_				Ь	101	t, B	8.97	1 184	1738.1	Γ.				Ric	B,	CO	ar sal	op.			B	DENI C m	yen 3	In. Ba:	JEA.
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		н			1	js.	. A	3		۱ķ.	A	34	16	A	11	R	. A	P	E.	A	2	Et.	ā.	r	R.	A.	P	ļ.		r	l;,	A	3"	B	A	T	k	ı. A	. P.	it.	A P	B.A	Т	H,a,3
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4	Narsingunge						10							- 0-			-9.			-1		2	В	0	2	ß	0	2	0	0	12	0	63	0	ő		1	14	0		481	***		***
6	Ulittagong			,			4.0				4 = 4			441			100			101			100		1				64.8			10-						1 10 1			NE-	194		191
6	Patus .	1	1		n	1	14	1	6	2	0	0	1	13	0	1	13	U	1	8	0	3	0	O	3	Ú	0	2	11	U	3	19	į.	2	11	1) (2 6	3 (4.00	-		410
7	Balmoore	5		0	þ	0	4	1	U	2	В	(1	3	2	0	3	2	6		2.01	4.00	82	0	į,	9	0	0	2	3	(1	12	0	1	10	3 () 1	1 1	1 (D	184			**
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	Cuttack		1	0	(1	1 45	dr. dr	U	O	12	14	-1	I I	401		-						50	; (ı	8	0	0	3	0	4	2	() () ;	2 (0 -	0	1	Ü	0	101			100

Beta a net received.

CALCUITTA,
The 19th August 1881.

the undermentioned Marts of Bengal for the Fortnight ending the 18th August 1884.

OF 40 b	eken			L	.1.									-	_	-				_		_	1		-				
GRACHOL	T MIL.	TAL-		ER Vit		Max		or in	DIAN-			G	2.43	ı.				Fı	KEV	00	D.				8	4 L V.			
Beent return	Nort preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present seturn.		Next preceding return.	Corresponding return of last year.		Present return.		Next preceding return.		Corresponding return		Prefent meturn.		1	west preceding return.	C. Transmiline	of lest year,		Present return		Next preceding return.		of last year.	MARTS.
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Published for general information.

COLMAN MACAULAY, Secy. to the Goot. of Bengal. The following Statement shows the Quantities of the Principal Staples of Traffic imported into Calcutta from the Interior during the month of May 1884.

IMPORTS INTO CALCUTTA.

			700	D-GRAI	NE.			Pinkova l	RODUCTS.	Ottel	EEEE.	}	:		300	SAR.	3
l'hence imported.	Rica	AND PAI	Total	Theat.	Gram and	Other food-	Total.	Jute, raw.	Gunny-	Linneed.	Mustard-	Ten, Indian.	Cotton,	Bilk,	Drained	Un- drained.	Bis path
	Rice.	Paddy.	(in rice).		Jupies.	denius.						:					
BBEGAL.	Mds.	Mda	Mds.	Mds.	Mda.	Mila.	Mdn.	Mdn.	No.	Mds.	Mds.	Mds.	Mdn.	Mds.	Mds.	Mde.	Mds
urdwan	5,637	1,600	6,637	201217	1,068	133	8,736	942	750	504	206	199	73	24	155	17	140
entlihoom	61,451	45,030	1,09,622		2,663	400.01	1,12,284	*****	1,250	£,503	871	*****	169	46 à 25 d	90	67\$	1+1
lidinapore	35,000	3,029	26,903	7,329	4,11(4)	1,000	20,433	16,049	2/12.1017	9,874	3,471	*	1,056	Do	666	11.52%	a - 36
b-Perusipitalia	1,89,629	12,567	1,47,415	2,519	4,520	1 417	1,54,563	h,70%	233,005	1,277	595	11000	2,741	913	18.873 2 903	14,749	202
odden	1,484	0,794	1,454 9,678	67,921	51,500	1,637	1,33,502	3,805	\$955	\$0,020 693	5,200	100	520	9.0	Z,853	25,754	***
'asere	10,157	1,800	11,252	4,534	42.693	******	56.417	2,024	150	25,510	1,300		116	411.0	1,452	41,058	400
badabanaroo	11,723	.,	11,753	0,67.3	11,476	2×1	11,718	1,1%	27, 440	1,234	1,142		21.4	4UV	111714	*****	
magepore	14,168		11,155	1	2,730	110.00	2.7.10	761	150	Etsin, fi	5,124	10000	******	16	******	*****	
инкроги	5,359	414-11		420	149194	000	420	0%, [%]	50,510		1,917	211.44	1,023	001-11		******	0,8
233 AL 2130			0,180	#65	1,690	494911	5.379 2.633	2,198	4/3,710	20,275	7,051		1	40	*****	751100	1 4 5
mediak	*****			141111	4,000		14444	Linkstone	40 49,3 117 (±0,025	0 91 2 90	1 8,212		*****		******	6,0
ilpagoroo	441.1		1,560	323	9.1134	-14947	1	18 113	132,310		45,576	1,606	116444	80000	194121	711400	19
MCCB on HO	1,950		1,980	6,648	\$4,1816	198 101	41,493	83,679 83,247		25 301	45,57% 23,555		3,886	*** - **	201000	244249	111
rrredpore	1,00,710	150	1.60.883				1,60,883	5.50		20 3071		*** **		1-1-62	******	> + 4 x x x	2,1
3 the noting	102	144+1-	103	411111	412		57.5	17,715		818-11	1,200	+47-41		401174	******	****	901
pperuh en	1,550	446.1	1,350	******	*****	*** **	1,350		*** **	4.1	*****	146	677	484.00	100101	144498	100
oakholly	25,321		28,321	121033	101.14		25,321	Lann	******	101	101-01		243111	444411		111100	
etal of Hengal	6,65,617	72,900	5,30,976	76,220	1,85,740	3,045	7,95,000	3, 55,265	1,110,277	1,49,380	1,51,658	10,102	18,732	2,620	20,936	1,10,803	16,:
Buma M.															1	_	-
Strp	10		30	5,619	32,961	6,944	44,834	******	******	1,85,856	37,805	******	213	44.444	1,078	94	
b	*****	*****	*****	1		444444			141	21,1600	2118	*****		4.1	ber.	10000	10
actinities ter	578	141498	41111	96,588	7,750	220125	1,06,370	20117	*****	24.534	5.950	14114			1,366	9	
exufferpore	010	654 117	378	270	101111	*****	37 N	711444	447177	64,194	7,171	141.00		*****	******	1.354	
Pill or e	110.444	400.00	124-22	144542		111111	10000	649434	*****	1666	2244-1	*****		*****			10
amparab		41110	****	820	34,080	*****	35.900	*** 1		#8.714 10.314	970 9:357		000		641101	447	
mempore	*****	241.741	***	2,834		7,447	30,900	*** **	400.00	271,022	33,516	**	C	10		909	121
CHERT		043790		155	320		181	F1111		4834	200	46	100701	*****	14	4. 112	111
dah dah	±16		216	1,257	b42	Meder	2,315	100 11	884141	319	475	100.75	£ .	114147	*****	*** 184	***
itimi Porguio		*****	141413	38,256	2,460	3	40,731		459441	12,013	48,472			81	- 6	191143	
otal of Behar	604		604	1,47,520	78,712	14, 114	2.41,589			2,19,540	1,40,217	фú	23.8	91	3,452	2,730	***
1																	
Ohisba.	15,927	65,044	64,703	1,902		03****	86,667	*****	800	******	114114	******	5	142155	404393	100184	
lasure	101-01	084094	04,700			******	\$6,007						-				***
IOTA NAGPORK.													i				
Randruss	44117		· Acres	4.4111	*****	*****				268		70	37	202100		191494	
- controller	*****	, ,,,,,	111001		******												- 0 0
and Total of)																	_
pplies from	5,01,968	1 54 044	5.86,298	2,45,017	2,64,483	17,489	10.93,250	3.45,205	1,120,077	6,68,997	2,91,806	10,278	13,970	2,515	10,378	1,18,850	16,8
mer the land	Spanto III	7,01,174	Bidoteon		- Phase and	21,000	E41002 000	6,00,000	2,220,211	openpart.				4000		1,00,000	20,0
Bengal.						-										-	
MRR L. WOATBCER											40.00		4.00	-			
mit Its	((O+)	*****	800	401.565	F47494	P0 2 1 4 5	800	1,200	\$00	18,165	88,273	4,866	440	22	121.00	(49032	000
rin-Western Pro-	8	44444		8,71,164	7,040	1,083	5,70.830	222331	******	1,39,377	1,71,556	17	15,696	098	9	80	1
dilab	******	410000		16,403	1,686	1,000	16,029	*****	*****	150-17	10,519	994	3,100	87	25777	******	200
ntral Provinces .	0414-7	(21-11	****	1 347	974	411111	1.622	*****	P24141	39,076	341114	199 4-	1,025	177174	111444	101111	441
HILDRY	407	******	407	104.00	12,148		15,076	*****	018494	422	******	. 21 - 48	17,054	484144	BTG	*****	411
nish Burmah	54,503	40000	84,503	141+47	14,110	******	64,598	******	450		++4+46	******	454	*****	211707	6,7	411
her places	- 6		6	4+4144	61	******	- p	71171	*>>>		1411-1	114.004	149124	l d5		*****	v 61
anu Total (1884	5,57,605	1,54,: 14	6,42,005	8,11,951	2,86,110	16,538	17,68,624	3,48,477	1,120,377	6,46,937	5,29,153	15,535	58,794	3,748	30,307	1,13,305	16.3
mary Avail 1000	nin: 1003	whent, ag	0,00,000		Block TOO	e try word	at look day	0,00,111	-4					4 44		.,,	
of Imported	5,80,978	1,11,945	9,80,939	21,15,547	2,64,923	24,054	\$3,45,903	7,36,127	2,257,2701	6,15,723	6,86,668	17,350	74,926	9,203	6x,200	1,55,500	

One mannd of paddy is equivalent to 25 mors of rice.
 # Hadmaye of bags obtained by toost manufacture.

The Sea-borne Trade of Calcutta in these Staples during the month of May 1884 was as follows .-

EXPOSTED FROM CALCUTTA-				1								1		Ì			
To Indian porce,	1,04,967	69	1,05,080	1+491	235	41	1,95,306	2,198	1,963,610	E> 4 000	treigr	51	0	196700	303	*******	•4•
Humbay of Madras Cifier ports in	10,543	403427	10,663	801	6,608	Bud	10,543 7,764	164	154,505 120,250	*****	*****	******	2.5		30	10 102	100
Minister British Burmsh Other Indust	33,591 3,417	******	\$5,691 3,417	808	1,624	27	34,420 6,380	1,265 586	\$31,607 386,100	*****	43 27	1 6	4 h 4 4 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	y	124 375	204	101
Pondicherry	*****	##### · ·	##4#70 861	101	064	*****	954 101	*****	80,328 82,000		*****	47410Q	1-1-1-	18	181	5	***
Total of Inter-}	1,51,587	60	1,51,630	800	12,345	674	1,65,355	4,183	3,131,400	*****	70	27	23	29	1,097	900	
Dinted kingdom Other Foreign	41,848	3,711	44,366	4,86,673	17,846	11,737	6,30,488	90,880	482,200	4,48,513	3,23,301	8,636	14,024	840	4,967	8,608	**1
ports	\$,40,220	-44444	2,40,329	78,783	54,156	4444 ***	3,73,119	7,840	6,049,917	2,19,539	8,13,078	196	6,0114	1,175	12	*****	***
Total of Foreign	2,68,078	8,781	2,84,397	5,84,406	73,001	12,787	9,03,541	Situation	6,302,117	6,68,052	5,37,325	8,827	20,709	1,603	4,007	8,403	
Grand Total (1984	4,33,660	3,750	4,36,927	5,34,915	84,348	13,611	10,88,600	1,02,862	v,440,517	6.65,002	5,37,350	8,834	20,731	1,732	6,004	3,612	**
of Exports	9,48,984	2,145	9,44,7#	14,65,218	30,110	5,000	23,92,104	8,96,724	8,387,994	3,91,017	4,98,781	8,671	04,843	1,000	69,762	117,(19k_	-11

SUPPLEMENT TO THE CALCUTTA GAZETTE, AUGUST 20, 1884.

The following Statement shows the several Routes followed by the Trade in the Principal Staples of Traffic imported unto Calcutta during the month of May 1884.

IMPORTS INTO CALCUTTA.

		You	DD-GEATH	L ,		Pinnovs)	PRODUCTS	911	EREDA.	Tea.	en a a a a a a a a a a a a a a a a a a a	#1.P-	800	DAR	Topa	4000.
SPECIFICATION OF ROUTES.	Rice.	Paddy.	Wheat.	Gram and pulses.	Other food-grains.	Jute,	Gunny- tauts.	Linseed.	Mustard-	Indma.	Cotton, caw.	Sift, Thw.	Refin- qd.	Un- relined	Bis- path.	Other kinds.
country boats river steamers rail East Indian rail Rasturn Bengal	Mds. 3,80,346 5,496 20,602	Mds. 1,02,499	Mds. 51,939 937 7,33,745 19,185	Mda. 1,09,646 80,930 73,216	Mdo. 3,119 15,433	Mds. 72,422 1,40,769 1,15,839	No 670, inz 621,675	Md+ 82,096 7,965 4,76,587 77,909	Mds. 30,137 1,18,560 3,20,560 50,881	Mda. 2,815 1,816 11,523	31-1a. 3.041 3.413 20.319 0.715	M.44, 678 83 1,185 930	Mds 8,944	M.da. 25,665 2.774 66,921	Mds. 1,204 2,066 12,141	Midn, 11,022 2,017 2,433 18,000
Eastern	19,359 71,621 60,341	8,198 24,244	4,693 1,720	4,532 12,173) 11HPT	8,408	87,650 87,650	1,189	\$2.50 ml	143	1,845	105	17,6%2 1600	19,941		19,90
100	5,57,645	1.31,944	8,11,951	2,80,110	18,632	3,40,477	1,120,377	6,44,037	5,20,103	15,635	13,704	2,364	29,307	1,13,305	16,869	54,93
mports in { 1664	8,90,978	1,11,945	21,15,347	2,64,925	24,554	7,88,297	2,287,274	6,15,723	5,86,618	17,359	72,920	2,193	52,200	1,93,590	119	1-15ed

The following Statement shows the Values, Quantities, and Numbers of the Principal Staples of Traffic exported Inland from Calcutta during the month of May 1884.

EXPORTS FROM CALCUTTA.

		Cutton meee	-goods.	Cotton	Director.			1	Cotton pre	ce-goods-,	Cotto	1 LWISS.	40.00	
Thither expor	ted.	European,	_	European.	Indiau.	Salt.	Gunny- bage.	Whither exported.	Виго-	Indian	Kuro-	Indian.	Majt.	ilunny-Met
Burgal.	_	Ra.	Ra.	Mile.	Mds.	Mds.	No.	CHOTA NAGPORE. Hazaribagh	Re. 0.6,200 40.000	Ra.	Mdn.	Mds. 93 1,650	Mds 8,493 6,609	No. 1,180
		1.01,100	24()	66/1	1,035	21,609	22,810	Proc. L. & Charles Magness	00,816		40	1,610	15,205	1,100
nrowsni.	444	1,13,610	1-40	1 47	245	127843	0,850	Total of Chota Nagpore	001010	111111			-	
idin port		3, ±1, \$ mil	1	507 127	0.0	2,869	88,750	Grand Total of supplies into)						
coghi;	10.	1,00 827	11,000	723	D 41 11 11 11 11 11 11 11 11 11 11 11 11	7,011	18,470	the provinces under the (70.65,175	75,472	19,333	4.475	5,59,499	813,70
Pergunnaha	her	1,141,245	27,750	1,263	247443	21,007	30,000	Linusmant-Governor of	10,00,110	4 -1 - 1 - 1		0,011	-,,-	
nostra	140 4	9,99,155	1	27200		853	417174	Bungal.						
loss lyam.		21,200		224	14111	\$1,4380	3,506							
MUPB	9.01	135, 12	2,310	21	17	6.913	4,170	Comment Descriptions						
bedabedanu	40	1.610,840	1	385	1	7,020	1,340	OTHER PROFINCES.						
Daniel Loke	10.	1.73,600	240	210	144-54	91,50M 20,427	27990	Assain	3,47,671	400.010	877	*34344	16,335	435444
walinhye wagoore	44.	8.59,232	320	602	1932.11	8,356	3,810	North-Western Provinces	41.11.1-				ands across 6	dm - 4
record brown	681	1,71,320	1	100	******	51.077	1,380	and Onda or or	420,10,62	B,030	2,574	60%	27,300	# 20%,940
194629		8,51,540	4,240	800	******	1,010	210	Puntab	B,45,274	1,570	1,000		145.11	64,786
ariceling	101	55,320	41940	208	431111	21,660	300	Central Provinces	775, 217 8	1916 198	149	494 * 1.5	411144	14,792
iphyoree		8,15,085	17,660	1,953	16	7,173	7,490	Rajpotana States	25,704	716	6.00	134400	112112	2,135,113
4993	997	2,71,440	1 10000	15.815	1 server	18,087	6,430	Homosy	61,260	700	2.615	10	140.110	451,457
arreed hors		27,265			101	10,900	4+1-15	Madras	NI LAND	111	1000	482470	447-42	明显,此段
NUMBER OF STREET	4.01	11170	*****	www.ha		9,435	50	Pondicherry	1,34,523	400	923	2,40%		540,700
Mittertalia	-	74,1892	* ******	161	475.94	200	411411		9,152	4,010	112411	262		6,502,117
hittiskong	3.34	100	*****	4 4 4 4 4 4 4	125278	200	******	Option braces in an an					0.00 100	11 430 000
onkholly	181		1					Grand Total of 1886	1,15,04,705	91,038	70 510		6,02,123	11,416,986
			01.602	0.236	1,340	2,85,340	216,022	Experts in May 1883	TOWING HIS	1,17,976	20,650	12,001	5,13,331	\$1,000,000
Total of Beng	nl	41,30,722	04,000	17,000							-	-		
								The Sea-burns Trade of Ca	icutta in	these S	tapies c	inrong f	he man	th of May
BREAR						04 100	232,410						Mda.	No.
		6,78,240	5,390	120	151	94,477 10,903	8,970	1	Ma.*	Ra.	Mds.	Mdn.	ALC: I	24-07-
tun	693	1,32,468	100	27	115	19,003	65,470	IMPORTED INTO CALCUTTA-						
intintind.	444	4,78,699	1,100	70	100	5,55%	1,293	Ream Paraign Parts-	DO 14 541		10,861		0,23,300	r44.02
. auflernors	222	bi,ilda	2,860	*****	311	42,449	33,070	Hasted Kingdom ov.	73.14.541	.,	191	241 17	1,53,640	*****
early hazard class		d&U,24,2	330	8	196	14,417	1,016	Other Foreign ports	27,001					
HEIGHT WILL	100	5,75,193		B	401111	11,243	61,515	To a seem Trends	73, 14, 214	10.00	10,538.		7,78,703	*****
custyt	e-d s	1,36,728 1,17,440	******	111		12,559	30,695 2,030	Total of Fureign Trade						
ment porce	241	2,90,95%	******	83	156	1,475	5,050	From Indian Ports		Est Ains		6,666	16,251	
THEBIT	994	100	11000	115.11	200	34,401	77,100	Hombal	18,595	54,4%5.	150.00		10,201	\$401E0
atuah mulai Pergun	me fact	9,66,040	339	50	200			Marchesta con con con	13, 102	ລິບບ			119400	207:44
HEITHT LALEAN	Phie m.o.			484	1,390	2,57,678	\$13,705	Restant Barringh	#,008)	900			2411	000
Total of Hel	107	28,24,613	10,750	606				Other indian ports	100 11	-				
	4	-	-						9N,1K)7	52,925	4110	15,0061	15,451	5:00
				0		4.1300	8,475	Total of Interportal Trade					1 05 00	690
021014			444.024	\$44.141 10 0000	124	0.000	71,800	Grand Total of (1886	73,71,139	02,020	10,695	CL GIP	7,03,000	1,100
ORISHA.		841915												
DYNTOD	441	41,920		2,636	124			- Grand Total di Lessi	81,33,504	95,360	14,030	0,130	0,45,300	17166
	949	41,920		2,636	194	417414	BQ, 87H	Imports in May (1983	91,33,598	95,360	14,010	0,130	0,39,040	

he following Statement shows the several Routes followed by the Trade in the Principal Staples of Traffic expartal from Unicutta during the month of May 1884.

Vui	0000					
	COTTON PIEC	CH-GOODS.	COTTON T	W181.	Salt.	Quiny-but-
Semcification of Routes.	European.	Indian.	European.	Indian.		
rountry outsta	2,23,618 5,50,520 71,40,525 29,50,920 10,460 2,90,176 3,21,767 1,18,96,745 1,48,50,401	\$1,178 1,100 84,000 11,300 17,666 5,000 91,988 1,17,976	M.ds. 1.497 1.498 5.466 6.371 (.118 6.533 54.816 36.090	Mds. 4,848 16 10 4,001 7,769 12,637	M.de. 91,245 11,793 2,34,007 1,01,489 310 6,295 6,02,125 6,12,361	1,07,69± 1,055,000 05,000 05,000 0,000 1,100 0,000 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,000 1,1

Statistical Department, the 12th August 1884.

Colman Macaulay, Secy. 10 the Guet. of Benyal.

Meteorological Report of the Province of Bengal

					-			1			N OBSE						h 1	
1					Att	i parapare	EB.	WIN	b.			Tu	MPBRAT	UEB.			Manufality	
	DISTRICT.		Representative		Mean barmettle begin, iv a.m.	Wean reduced to sealerel.	Variation from	Prevailing direc-	Hean wind relo-	Blebest during work.	Lowest during week	Mean maximum temperature.	Hean menumum te operature of week.	Mean daily tem- perature of neck.	Variation from normal mona	Mean 10 A. M. temperature.	Average head	
1		(Gopalpore	442	291014	20:064	-	В	274	86.6	2919	P-08	81'8	84.0	-	88'6	70	
	Pooree	(False Point	4+	29°63U	291665	-1021	WsW	200	0.98	781	8616	77-7	82.3	46.0	84'9	76	r
ì	Cuttack		Cuttack		29'571	\$0°d58	'019	NNW	45	82.8	7013	51.3	78'6	6810	+114	8511	74	
	Balastro	,	Надыного		29:574	29.62		WB	136	10.4	16.5	87.0	70'5	82.1	-	92.0	80	
-	South-West Midn	sbute }	Saugor Island	241	20.004	291030	-1041	SW	271	90.5	7810	87'7	79 B	83-7	+0.7	8310	85 1	
	South 24-Pergunn	nina)	() and a														1	
	Midnapero	***	Midnapore	341	101475	\$9*KISA	-	8	98.6	91.3	77'3	8914	7614	93.9	-	8519	78	
	34-Pergunnahe				200.003	291024	030	W	Delt	0015	76'7	87'8	78'6	0.178		89/1		
1	Howah "	- (Culoutin	47	38,607	29 029	- 030	W	82	80'5	101	010	10.0	83'2	+0'9	631	85	
	Hooghly	10.0			20.955	129.45	-'031	68W	58	91'6	77'4	89'5	76'B :	86'8		86'6	80	
	Rurdwan		Hurdwan	7-4	40 040	80 081	- 401	GIO N	94	91.0	,,,	.	100	09.0	+0'2	000	-	
-	Hankoora	- (Ranigunge		201297	-	-	BE & SW	P-6	91.2	70'9	B9-U	76.9	6310		520	86	
1	Beerbhoom West Burdwan	11	teness electrolitée							1								
ì	Montabedabad	-	Berhampere		191551	201618	1043	BaB	85:1	91-1	77'8	F8.8F	78-1	837	-0.0	847	88	
	Nudden						Ob	corvatory p	ot macio	d.							P	
L	Jemoro	-			29'596	19.620	s miles	WBB		0114	70'6	89°6 i	80.0	6W-4	Į.	9915	60	
ĺ	Khootna	3	2 denote	241	207 8010	19 020	1086	80 W	86	91.1	(1) 0	90.0	781	63'6	0	88'5	88	
	Chittagong	14-	Chittagone	***	297612	39'701	1094	BE	134	67-1	74'0	85-2	751	80.8	-0°u	81.3	87	
	Chittagong Hill To	ruote	Denngiri	*4*			Obe	ervations n	ot receiv	ot.					1	1		
1	Backergunge	121	Harrisal	4+1	\$91000	-		SE	64'6	861	70 V	8318	76'2	80'0	-	83.1	87	
	Nonkholly		Nonkholly	***	201050	291700	-	68E	203.0	86.0	78'3	8511	7010	80.6	-	81.5	87	
1	Furrocdpero		Furreedpore	*40	291607	-	-	Sak	121.9	89-5	76.9	99.4	77'8	62.2	-	8518	83	
1	Daooh		Dacoa		38.057	29'644	053	BSR	180	8818	77'2	87.0	78'5	82.8	+013	94'B	166	
Г	Commillah		Commiliah		29:651	\$9 657	_	MB at	100°3	89.9	7518	8710	76'6	81.8	-	8816	?	
1	Mymenaugh		Mymenningh	44	20°567	5h-623	_	SE	13610	88'3	761	87'0	767	53'%	-	93.4	82	
	Bogra and Pubna	101	Bernjgunge		± 534	10:007	_	Variable	138'3	87'1	75'6	36 T	76'0	63.9	-	99.6	88	
	Rajohahye		Bampore Beauli Dinagepore		ED-522	20'042	_	NE	113.1	90'6	74.6	8811	77'6	81.8	_	83.3	70	
	Dinagepore		Kungpore	194	80.912	291639	_	8	98	91'3	78%	88'7	70 8	63.6		64'0	84	
-	Julipigoree			104							,,,,			40.0			-	
v	Cooch Bahar	3	Julpigoree	•••	29°35h	391645	-	B	183-2	B0.0	73.1	67.7	75'6	W1'6	-	82'6	84,	
ш	Darjoeling Hill Di	atricto	Darjooling		22'897	-	-	B	41	67'6	85'6	90-1	84'8	60'6	_	63.7	94	
	Purnesh	}	Purnosb		20.900	\$91036		Calm	84	8913	75'8	0010	761			8818	bra	
1	North Bhagulpore	5	L #94 000mmto	041	50 000	2000		0000		100.0	100	90 0	102	82.8	-0.8	08 9	140	
į	Moaufferpore	4++	Mosufferpore	443	291947	-	migrati	A A BUR	-	97'0	707	91'8	77'8	8616	-	84'5	86	
ı	Durbhungs	***	Durbhunga	***	29'454	201021	+ '008	BER	109	96'4	78'5	8918	7914	8418	+1%	8610	86	
	Ohumpauun	147	Motihari	44+	291401	10 -627	-	SB	100%	86.1	78'9	-1	77'6	64'3	-	94'5	76	
	Safun /		Chupra	***	20'418	40/40	1	SE	47'8	9610	77:0	9915	78 E	62.9	-	887	00	
	Shahabad		Dohree Buzar		99/331	19'88 29'598	_	ENB	105'6 out of	89'4	76'0	B-90	77'4	61.7	-	00-7	86	
ľ	Shahithad		Arms	840.7	20'4129	2815007		16.10	order,	93'4	76'3	8515	77.6	81.4		8216	87	
	Gya		Gya .		301199	29'676	,	BAW	7	96-7	78'8	89°1 91°8	76'8	81.0	-0.25	85'7	88	
	Patna		Bankipore		20-438	29.010	1020	1	6316	96'5	767	8970	75'8	85.0	-07	88'4	77	ı
	South Bhagulpore	1												00.0		-4.0		1
1	Monghyr	3	Hhagulpore	***	20,487	19-807	-	Variable	56"%	86.9	77'5	8919	78:3	88'6		89.7	77	
	donthal Papyunas	36	Doomka	A44	20'108	-	-	SE	319	80'1	75'8	8618,	77-0	8916	_	94'6	86	
	Haanribaga		Hasartbagh		#7·61±	291003	-014	w	184	85'4	7818	6810	78'8	77'9	-07	79'4	_ 111	
1	Loharduqua		Kanobee		17:500	29-008	_	_	-	887	71:1	\$316	69643	No.		Sep. 4		
	Manbhoom	ر								50.0	10.1	60.9	73'1	33.3	-	78-3	88	1
ı	asoondneib		Cayebases	464	26.948	-	-	W	26'7	6915	747	8819	70%	8138	-	83'4	78	N

Explanation.—Summary.—The normal means of air pressure and temperature are the arithmetical averages or means of the readings during the same The Amenday of the temperature is expressed as a percentage, naturated air being represented by 100. A clear sky is denoted by 0 and an overcast sky from the district determined from the returns sent in by the sub-divisional stations is the district ending in returns, divided by the number of stations.

for the week ending Friday, the 15th August 1984.

				DIST	BIUI OBS	RRVATION	O.		_	-					
2					RATE P.	A L.L.									
Lathons	Of we	ek.	Bine	e lst of mon	th.		co lath May	7.	rage number	number 9 days.	Representat	ilve	DISTRIC	T.	
observing stations.	Nean for district.	Normal mean,	Mean for district.	Normal mes.p.	Veriation.	Mean for district.	Normal mean.	Variation.	Average n	Mormal m					
-	-	-	_	_	-	-	-	-	- 1	-	Gopalpore	}	Hoores		1
56	2.62	3"17	4121	1679	-916A	23 29	\$0.95	-7°63	4.0	6'5	False Foint)		000	
	8'47	2'67	6:06	6:21	-0.12	26'65	30,23	—8°87	413	3.9	Cuttnek	***	Cuttack	00.0	934
40	1.63	2'99	6.30	6'72	-1:52	82.03	30176	+219	6.0	4.4	Halamore	443	Bulantre	*11	***
	de 43	8:38	5:06	7:42	- 239	87'90	55'09	+2181	5'0	417	Saugor Island	{	South-West M	idna	POTO
5.8	8'41	0.00					*****		4/3	3.8	Midnapore		South 34- Pergu Midnapore	nnah	M
70	2.86	2'63	4182	7'01	-9140	27'97	30.86	-±180	4.2	9 0	- Lunsepore		54-Pergunnaha	100	401
-									8.3	5'3	Calcutta	J	Howrah	144	-011
-85	8.63	3.89	6.82	0.80	-0198	28-23	32:13	-3189	2.2	0.0	CEIOBINE	***	Hooghly	***	004
				1			A		A10	417	Burdwan		Hurdwan	010	933
34	8-19	373	4130	G-52	-2.55	22.12	18'55	-6:17	417	9.7	J.C.G.W.M		Hankoora	***	5 6 0
							Guita to di		6.1	8.0	Ranigunge		Beerbhoom	Pèr	05.0
-35	8.87	2721	5146	6.12	-1-27	51,40	3210	-11'04	0.1	D V	venitairita	"	West Burdwan	00-9	914
							Alban (d + 9)	4.15	810	616	Berhampore		Mourshedabad		60.0
-96	8193	2'65	6'54	0:07	-1.23	22 48	28/91	-6.60	4'3	415	Detrampore	g fin	Nudden	114	201
	276	8.93	3.24	6:17	-2.28	22'56	80 14	-7°88		-	******	,	Janeore	***	Bán
	2:98	310	6'42	6.62	-2.23	31.09	3413	218	816	4/9	Jessore	}	Khoolun	94.0	800
196						83401	81.03		7.0	6.0	Chittagong	- 11	Chittagong	PAG	844
r16	6136	6196	3 3 394	15'64	-2.10	70161		-10'42	7'0	86	Demagiri	411	Chittagong Hil	2 Then.	60s
	8:50	4.18	B183	30.49	-4:61	40:55	83°70 82°10	-13,18	8.0	0.0	Barrian		Backergunge		598.,,
198	8.53	4147	6:37	9166	-3.87	47:33		-6'77	6.0	6'4	Numbholly	34-	Noakholly	642	900
77	4'87	6.76	9:37	13.61	4.24	67*16	71 67	-14'71	6'7	4'8	Purroedpore	441	Purroudpore	860	010
186	8.30	2'67	4165	6.10	-1:48	28129	85:08	-7:37	6:3	8.3	Dacoa	44>	Ducon	049	011-0
125	470	8:65	6'28	7:63	-1.22	82.75	39:07	0:32	4'3	6.2	Committab	00-0	Commiliab	+41	10
76	2.78	4'87	1,460	9114	4'93	60.68	45144	-4.61		0.7		***	Мушенинда	Pl r	00
73	2794	2-70	4:36	B183	-1'46	34'93	61.09	-6'71	5'3	616	Mymenmagh	601	Bogra and Pat	904	941
198	2.19	2.62	3.40	8,85	—B.03	20 41	29.02	-7.26		4.0	Bernjgunge Rampers Her		Rajahahya		011
790	9:91	8.08	3.85	5'63	-1199	23'10	30172	-7:13	5'7	6'7	Dittactopore		Dinastopore	800	400
146	3'44	3.01	4*48	8.33	-1'2V	28185	35:68	-6:23	8:5	A11		4.81	Rungpore	444	111
187	0-15	8'11	4'17	6'72	-1.99	35.90	48'43	-15.52	4'3		Rungpore	***	Julpigoran	000	200
	5'07	5'07	7'45	11:23	-8.78	62,65	71'66	-9115	613	6.3	Julpagores	}	Cooch Hohar	444	100
900									6.6	B-8	Darjeeling	,	Darjeeling Hill	H Davi	est est.
8104	8.19	871	18'15	16'64	-9149	80.19	101:85	-21/07	0.0	90	1261 John 199	410	Purneah		
	6160	2:89	4'97	6.86	-1:39	19:73	34'48	-6'78	2.9	475	Purnesh	}	North Bhagul	POPE	400
12- T	3												Mosufferpore	***	044
	376	2'70	3:00	5:35	-£'35	19'00	25'65	-8:66	4°B	318	Durbhungs	{		4=6	***
brd3	,				2.00	(for the		-1'19	8.3	3:7	Motibara	941	Chumparun	111	501
1100	873	3.19	4'41	8.23	-1.11	85147	\$6.00		9.0	3.7	Chupra	***	tarun .	400	964
P96	4.66	2.40	8.78	4190	+0120	18'23	24.35	-6.18	3.0		Debroo)	1	-40	94*
7'48	1					12-00		-5'63	4'8	3:6	Buzar	}	History	000	240
6/26	0.80	8:46	7136	577	+1'89	17'80	38.69	-2.03	40		Arrali				103
128	J					Site of the	200	←7:86	8.0	8'4	Gyn	411	Gyn	100	ree
173	B*91	8'70	6:95	8:76	+1:13	17'48	\$2,38		6.9	3'4	Banktpore	***	Patna	411	
130	6.46	3156	8.77	8.39	+0.99	18:58	25'10	-6:57					Bouth Blagely		344
	6'88	276	p-26	8198	-072	20-72	36'51	-0.46	51	519	Bhagulpore	{	Mongnyr	14.4	
5-00	-					20100	pane	-9198	5'8	4:0	Doomka		Southal Porgu		
1787	3.36	9101	8:97	6178	-2:39	19'88	20:00	-9'33	5'8	616	Linearitugh	41	Hasarings	493	1 2-4
199	4.58	2'89	7'00	6100	+0.44	19'88	29:34	-				6.	Lohardugga	100	gas des
to 47	0100	2106	6148	7:20	-0.03	00100	20'73	-7:83	6.0	4.6	Ranches	{	Manbhoom	***	44.
247	-				-1'91	30°95	82'91	-5.80	6.0	9.3	Chychesta	**	monidant	144	

period for the part one year. The variations are negative when the mean for the week is less than the corresponding normal mean, rud coeffice when greater the part of the sky covered, the whole sky being denoted by 10. Under the head "district concertion for the period in question during the past in years. The "means for the period in question during the past in years.

Statement of Bainfall in Bengal for the week ending Friday (6 p.m.), the 15th August 1884.

	0				R	AINPALL	-			Tota					Averson
Meteorological division.	District.	Otation.	Saturday, 9th; August,	Studay, 10th	Merchy, 11th	Tuesday, 12th	Wednesday, 15th August.	Detroday.	Friday, 15th	Number of	Reinfall of acek.	Total rain- ini from ini to 15th August 1984.	Average total rain- fall from bit to 15th August.	Total rain- fall since 15th May 1864.	ramfall from tati May to date.
DRILLIA	Peoree ,	Pooree Khurdah Banpur Faise Point Hookitola	0.24	0.55 0.08 0.76 0.25	0.05		0°55 0°15 1°56 0°11 0°13	(1 B(1	0.65 2.24 0.20 0.00	65246	1180 3120 1174 3180	2127 5/91 2/5/6 6/11	6:10 6:00 7:63 7:63	21°88 97 64 17°05 26°57	20°74 23°91 20°77 34°27
	Cuttack	Jagataingporo Banki Cuttack Kendrapara Jajporo	0°70 0°03 0°34 0°63	0°01 1 16 1 1°19 1°12	0.02	0102	1°40 2°30	F-200	n:25 0:11 1:00 0:31	7	4183 5114 8120	n:00 N:11 4:54	8191 6176 6165 0197	28:45 25:16 25:16	25 T
	Balacore	Chandhali Bhoddruck bursh Balmsorn Jellwaren Barroostah	0.04 0.02 0.15 1.72 0.50	0703 0760 0760	******	6:57 0:59 0:60	0'10 0'56 0'10 0'10	0°10 0°36 0°12 1°15	0:15 0:15 0:15	5 4 4 5	0126 0777 13:0 8:00 1125 2:57	7:18 2:57 1:59 8:43 6:09 4:19	8194 6145 7 00 7710 6772 8711	\$6.95 26.71 20.37 47.65 32.50 3.067	8916 3019 3912 3115 3211
Bureal.	Midnapere	Contai Saucer Island Tuminok Midnapora Ghattal	1/12 0/33 0/74 1/90 0/85	9°10 9°15 0'47	0.23	6°49 6°37	3/14 0/10	0005 0016 0015 208	(F21 (F31 1 0 1 (F36 (F37	4 6 2 5	8149 1157 1170 2195	873 873 873	7708 8650 0164 670 7742	36/39 4/43 26/40 31/69	34.2 30.0 29.0 33.0
	\$4-Pergunnah	Dismond Har- tests. District Jail Darrack pore Duns butta Bainset	1°55 0°51 0°28 1°36	0/85 0/80 0/80	0 02 1 52 1 61 0 63	243 447 243 441 	0014 0014 0028 0016 1 11	0°44 0°38 0°]9	0:37 0:50 1:36 0:55 0:45	5 5 0 4	2185 3147 545 246 246 414	6763 6714 7725 8790 8747 8 50	6:77 7:05 0:64 0:24 6:25	37:01 30:44 20:43 20:10 22:49 32:49	33°4 31°9 31°9 30°1
	Bowrsh	Howrsh	0.06	0°46 0 11	1:76 1:10 0:13	*****	0113	0.00	1'04 9'42	6	210	6 30 6 10 6 141	6-21 7-47	21:37 25 NO	83.0 83.0
	Hooghly	(frotoberial.) Permittee Houghty Jehansbad	0'.6	0.28	2:53 1:04	0.07	1:10 U'77	0°85 1°40 0°65	3162 0142	£ #	6:76 4 4 1 1:8	7:02 7 25 6:07	6137 411.0 8135	20 44 21 44 21 30	31.0
	Burdwan	Culpa Burdwan Cutwa Rancogunge	0°15 1°44 0°74 0°09 0°27	1.92 0.13 0.30	0.39	0:86	0°85 0°85 0°42 2°32	2146 0107 0181 1 02	012.4 019.5 019.0 011.5 115.8	6 5 5	8:14 8:46 1:00 6:37	6199 6111 1250 713	6167 6187 6122 6139	26'41 17'6 26'6, 35'75	27.7 29.3 21.4 20.4
	Hankoora	Bankoora Bishenpore Malora Elistra	0177 0 85 1 02 0 66	0°56 1°25	6,00	0.22	0°15 0°11 1.55 0.49	0.35 0.37 6.35 0.11	1700 1700 1711 1700	5 5 5	877 1707 4 02 1706	5*43 6*02 5*01 8*63	7:35 7:41 6:83 6:75	24 53 2. 76 19 (6) 2478	31 '6 31 '3 31 3 35 '8
	Beerbhoom	Bh. Soory Hetainpere	0141 0155	1.22	0/34 6/71	11(14)	0.40	2134	0199 0165	6	3174 3157	\$13d \$15H	0.05 0.05	EN'6;	83 7 30 6
	Nuddra .,	Bongong Ramachat Kiamachar Chematanga Meherpore Koosistea	6.11 0.33	0.15	1°70 1°03 0°87 0°21	0.85 0.65 0.15 0.67	0°73 0°37 0°37	0.23 0.37 1.51 0.32	612% 0 89 0 96 0 96 07.0 0 06	5 3 5 4 6	4199 257 1174 237 2113 254	5:20 8:68 2:07 8:50 3:20 3:70	6 05 7:44 5:89 5:43 5:43 5:55	22'41 25'70 15'49 22'88 10'99 24'79	81'0' 80 to 84'36 30'44 28'36 81'96
	Ebooles	Sathira Bagirhat Khooina	0.52	0'46	0:64	0°19 0°34 0°60	0.53	2196 3196 0160	0.90	7 5	3:35 3:63 1:66	4°59 4°55 4°25	6:23 7:30 7:10	34'%6 42 44 36'18	84°17 40 til 36'60
	Januare	Navall Jessora Jhensiah Magoorah	0.20	0:04 0:40	0 53 6:37 0:44 0:67	0.11	0°25 0°39 1°0 0°37	1*20 1.75 0:97 0.38	U 05 0 02 0 128 0 06	8 8	2133 2171 5157 1163	3741 4751 10723 2735	7*20 6*49 6*63 6*81	20°43 33°50 20°65 24°52	31'S 34 4 32'8 31'8
	Moorshedabad .	Kandi izampere Hant jernampora Laibach Azmaungo Jungporo Laigota	0°62 0 68 0°57 0°35	0140 0145 0172 0117	0.76 0.76 0.41 1.60 1.33 0.55	0°68 1°33 0°47 0°13 0°28	1'07 1'03 6'03 1'56 0'52 1'60	0:70 0:16 0:35 0:35 1:35 1:06 1:22	0:28 0:60 0:87 0:39 0:75 0:75	7 6 6 6 6 7	4-20 3-75 2-24 3-76 5-76 3-56 4-19	4149 4192 2115 4193 6124 4184 6107	8 1m 6 76 6 76 6 11 8 29 8 15	21 '33 19 84 18 '31 22 '36 27 '36 19 85 37 '56	30 rds 30 rds 30 rds 30 rds 20 rds 21 rds 22 rds
MAST UNDOAL.	Chittengong	Cox's Bazar Chitiagong	0°07 0°23	5.91 0.03	0.43	1'86	2°04 1°03	0*41 0*61	0 1h U'à4	7	8129 8119	10:83 9 93	18'67 11'40	84'44 56'74	98°46 83°66
	Chittagong Hill Tracts.	Rangamati Raicha Agartola	0°48 0°09 0°18	0°76 0'82	0.40	8, 0,02	0'81 0'86	0175	1,29 0,40	2 2 1	3156 3167 0112	5°68 7 hi 9°96	10.43	60188 87115 35173	53-70 9 37-89
	Backergunge	Patuakhally Porozoporu Burrisal Binda	0.00	0'30	0°40 0°23	0°90 0°45 0°45	1:30 2:30 0:03 0:00	3150 3137 0155 0 37	0:70 6:40 0:00 Trate	8 8 7	4123 4197 072 2996	6°10 7°-9 1°16 6°11	10:34 5:52 7:59 10:71	40°50 40°74 40°21 83°68	61°S 467 46°7 57 78
	Nontholly	Nonkholly	0107 0108	0.455	0.82	0'45	2167 0186	1.99	0.88	7 5	\$167 \$107	11:08 7:07	13'97 15'83	01 10	71 % 71 %
	Purmedpore	Madarapore Furred pore Comiundu	411784 422188	0108	1'08	0122 0128 0170	1°15 1°15 0°87	1:41 0:84 0:57	0.88 0.93 0.87	6 5 5	8162 4105 2140	6189 8170 8185	6197 8199 8151	84'67 82'53 87'59	37 1 30 7: 33 W
	Dacca	Munchigungo Dacan Nacangungo Manuagungo	0.02 0.09 0.59 0.18	0.01	0:80 0:18 0:07 0:19	0'74 0'44 0'17 3'25	0:31 0:31 0:90	4120 0147 1168 1168	0°18 0°71 0°.2 0°08	. 7 7 6	0176 2133 2179	8:38 6:46 6:46	9:36 7:39 9:4 6:17	35 768 36 28 34 68 88 88	46'8 88'38 9
	Comilia	Comilla Uhandpore brahmanbaria	0144	0.08	0.03	0°12 1'25 0'40	2,58 1,82 0,87	0.09 0.29	0 06 0 10	7 6 8	1:67 8:30 3:75	4°17 7°70 6'00	10°26 15°43 0°64	47*12 33*78 46*71	81-8 60-3 37-6
	Mymensingb	Atm	0'20	0'41 0'78 0'98	1'94 0'01 1'09	0°45 1°89 1'34 0'60	1,80 1,21 0,39 1,44 0,38	0:41 0:20 0:20 0:20 0:30	6°62 0°90 0°13 0°46	4 5 6 2	4129 5 63 3148 4127	4°54 7°62 4 88 7°00	6°94 6°07 6 86 6'37	\$0°81 46°29 33°11 -43°00	44°3/ 55°4 45°8 38 50

stement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 15th August 1884—concluded.

					R	AINPALL	-			Tot	'A.C.				
rologiea) radoli.	District.	Station.	Saturday, 2th	Aurust.	Moreday, 11th	Treaday, 22th	Wednesday, 13th August,	Thursday, 14th	August, 15th	Number of	Rastriall of week,	Total rasus full from 1st to 1 the August 1sek.	Average total rum- fall from hat to 15th August	Total rain- full since 13th May 1888.	Average rainfall from 154h May to date.
BEFOAT	Pubna	Pubna Berajgunge	101G	1+1-++	0.05	0184 1165	1'46	0.92	0.00	6	3'17	4111 4115	4°25 5°01	20'19	30°53
_	Bogra	Shorpore Nowahilin Howra Panchbibl	0.01	1°10 0°10 0°19 0°22	0.70 0.17 0.3);	0 19 0 03d	8'03 0'32 8'13	0'33	0.10 0.10 0.0% 0.12	7 6	1 61 1 42 1 64 2 67	2 13 2 13 1 55 8 09	7'00 0'43 6'11 4 00	27-75 20-73 31-27 25-47	3916 3716 3716 3216
5,0	Rajshabye	Bestilesh Nattore Nowgong	0.13	0°90	0'01	1168 0140 0140	0'02 0:00 0:33	0.30 0.30	0107 0170 0130	7 6	4110 2100 2 50	\$150 \$150 \$160	68.9	\$1'61 21'61 34'33	25.3
	Maldsh	Muldah	0.58	0141	0.48	117144	0'50	1,80	01'0	6	8:63	3176	6.05	23133	271
	Dinagepore	Mohadebjore Characterin Raigunge Dungepore Baloorghat	υ*υδ 	0°16 0°40 0°18 0°17	1125 1125 1125 1120	0.35 1.10 136 0.63 0.54	1°58 0°25 1°46 0°12 0°08	0150 0155 0165 0 63 016	0103 1100 6-87 0109 0123	8 6 7	2764 4715 1761 1711 1711	5 47 6 90 5 51 2 91 2 70	7177 4121 6103 8103	25.27 27.02 27.02 27.02 27.02	37:1 25:0 31:6 40:3
	Rungpare	Hhawampunge (Gynbanda).		101-11	F#1915	0.85		2:00	0:21	3	5.03	4:416	6.10	34'91	3913
	Julpigorea	Runge e horseum Bagdogra (Arlphamari,) Julpigorea		0105 0131 0105	4:17 0:50 1:33	0106	0.24	0°70 0°83 0°82	0'01	0 H 5	8188 1180 2.43	2.32 2.23	2,03 3,47 2,53	40:86 82:01 83:20	47'9 45'1 88'7
	Cooch Beliar	Dichatta	*****	3121	8104 8178	6703	1.98	0'47	*****	Ei .	3182	18:20	11'37 8'16	68:71 84:89	7810 6016
		Cocon Behar Michiganizo Michitaliga	411.20	0°23 0°81 0°82	1 65 2 40 1 46	0.03 0.03 0.03	0.07 0.35 0.19	0:08 0:16 0:25	0100	6 6	7.129 7.14 7.14	6188 6128 613 3130	12 23 13 30	53146 53147 55100	7614 0912 7814
	Darjeeling Hill.	Buza Silbeuri Darjeoling Kaumpung	0°30	1/33 0/32 0/34	578 1701 0741 0742	0.80 0.11 0.83	1°83 0°31 1°43	1/18 0/02 0/51 0/32	0118 0165 0117 0165	0 ; 7 4	8110 3187 4 87 1 70	14/02 0/42 12/25 7 11	21:17 12:10	04777 05742 00743 45 07	158'0 70'3
RESAP	Purnesh	Kissengunge Arrarenn Purnenn	4000	1'83 1'04 0'00	1'80 2 51 0 05	0.11 0.11 0.20	0.33	3*41 1 14 1 94	0113 0104 0140	6 5 6	876 6 13 6724	7130 6104 4130	7114 6118 636	46 21 36 24 30 04	4213 87 6 86 8
	North Bhagul-	gentend	447716	0°30 0 56	95+145	1135	1/54	235 070	0.10	6	6.04	0.10	0°91 5'04	21-97 10 -1	25.0 25.0
	Durbhungs	Tajpore Durthingm Madhuban	******	0'71	6145 6135	1.15	115± 013 043	0°50 0°42 0°75	0°04 0°10	5 6	8108 6 , 3 8102	4°11 1°01 2°80	8'79 8'35 4'50	10 46 12 66 17 66	36.0 30 9
	Mosufferpore	Sitamarhi Mezufferpore Happore	0:00	1150 0/11	0:03 0:43 0:02	0°33 0°37	2°71 1'06 0'30	0°13 0°42	(120 6/32 0/34	6 6	\$106 2.00 2.22	2 da 2 da	4°08 6'18 6'17	14 32 24 47	20 to 0
	Chumparun	Motibari Bettish	1.92	11.747	0.62 15a	0.09	0.7 0.40	0°27 0°65	0.51	8	1756 4756	1's0 0'ad	0°8d 5°03	22°11 27°34	25 a
	Sarus	Gopnigunge Sewan Chuprah	2543 0552 051)	150	1 23	6100 6140 8150	0 20 0 70 1 03	0.15 91.0 91.0	0'21 lit 0	6	5 (5) 3 ; 1 5 (0)	573) 573 6 62	4195 4101 6 0 6	27 32 34 46 53 29	2d 1 2d 3
Bunad	Shahabad	Busar Indicas Businosh Sumerari Arian	Prints server	1'90 0'40	6/55 (0/67 0/60	3735 3735 3736 2736 2746	0.18 0.00 0.18	1116 0.70 3.65	2100 2364 1 90 4 05 0 88	6 6 5	N 15 10 22 & 15 12 13 N 03	476.6 10769 10766 13766 11.66	604 604 0 04	15 54 27 10 17 0; 21 33 16 79	22°3 24°0 24°0 24°1
τ	Gув	Aurungabad Gya Nowadah Jehanabad	\$95.00c	0.18 \$.18	1143 0157 0125 0180	2 194 0 15 1 45	2:58 0:28 0:77 0:65	0°25 0°61 1°39	1'01 1'85 0'80 5'00	6 5 5	11/27 and, 3 45 5 79	11'5) 4'44 4'44 7'57	5 06 5 50 5 53 6 35	##30 1,31 12.5 17.55	20.05 20.05 20.05 20.05
.6.	Pates	Patna Dicapora Behar Barrii	0.00	Un?	0'55 1'80 0'14 0'68	1:36 5:30 0:05 0:27	1,31 0,92 1,31	0119 01011 0111	7,412 0,12 0,13 1	6 6 7	77 (%) 11 (0.5) 13 (0.2) 4 (0.5)	5°04 9°67 9°60 6°73	5/2) 4 50 5 01 5 47	10/7a 25/67 10/07 1/70	23 131 23 43 23 43
	Mongbyr	Begggaerai Monanyr	ti Go	0.10	015 015 016	0'59 1'40 3'04	0°58 1 90 0°30	2:13 1:35 6:15 8:09	0 73 (0 15)	8 1	31 a : 31 a 7 37 a 5	4:00 4:02 10:23	8:48 1 (1:41) (1:4)	10/10/2 20/11/ 20/62	71 m 70 34 72.00
	South Hhagul-	Bhagaipore	441717	111144	0.30	0.62 ā	2.35	0.80	0'91	4 6	10'65 4 to	1.98	6,15 0,27	#4 63 16 52	20°00 27°20
	bouthal Per-		0.54	0.11	0.17 0.17 0.17	0116 0114 0111 0100	0 95 0 51	0163	6/100 0/133 6/100	A 6	1707 1 0 3 76 1740	1*77 1 71 4:37	4°29 7 19 3°70 7 50	21 60 21 01 21 01	20.03 20.03 22 ha 22 ka
		He guar	0:25 1:59	(1.12)	0,19	0°41 1°36	0.85 0.45 0.49	1.19 0.112	0 31 0 % 0 15	7 4	3.1	1110 4 23 6182	0.14	1n 4a 86 71	50 21 50 00
A HAD	Hamribagh	Pactinaba Elasticagh Someograph Aranua Hills	£'50)	1'65	0.14	0.33	0156 9198	0'63 0 28	0'54 2 94	0	2167 6105	3-90 10-28	0°17 7°25 8°00 6°07	15 of 85'31	20129 25:03 20107 20170
	Loharduggs	Lohardugga ionieta Patamow	010 S 1 '90	6,02	0103 0145	0°07 1°58	0:37 1:26	0167 0185	2:05 2:05	7 6	6135 0165	7166 7145	7.77 0.84	. 231 HJ 17 43	21.02 22.03
	mooddynik	Chyubuana	###*> C	1106	******	Applica	0.43	0.08	6*16		\$.23	6:40	7170	30:03	34791
	Manthum	Purana	0.12	0:83	48+++	0°35	0'60	0'67	0'54	6	6721	B161 80105	7 23	20 05	20.42

planation. - indicates that no rain has fallen. If the return for any day has not been received, the corresponding space is inft blank. If some of the return

OALCUTTA,

18th August 1884. J

JOHN ELIOT,

Meteorological Reporter to the Gost, of Bengal.

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL DURING THE WEEK ENDING THE 15TH AUGUST 1884.

THE meteorology of the past week is of unusual interest. A break in the rains of considerable intensity had obtained previously over the whole of Behar and a large part of North Bengal. The atmospheric conditions over the Province at the beginning of the week were generally similar to those which had prevailed for some weeks previously. The chief features were the persistence of low pressure over Orissa, which had determined the paths of a succession of cyclonic vortices across the Balasore coast, and had given an unusually strong easterly component to the winds in Bengal, thus drawing the rain-bearing currents strong easterly component to the winds in Bengal, thus drawing the rain-bearing currents away from East and North Bengal across the western districts of South-West Bengal and Chutia Nagpur. At the commencement of the week, moderately strong monsoon winds had advanced up the Bay to the neighbourhood of the Bengal coast, and were beginning to afford general rain to South Bengal. These winds continued to give a moderate inflow of vapour, and general and frequent rain to Bengal during the whole week. About the same time, a strong advance of westerly winds across the head of the Continent began to influence the weather in Behar. Westerly winds giving heavy rain commenced in South-West Behar on the 11th and extended eastwards. The consequence of the action of these two currents was to give a falling barometer, increasing winds, and general rain, over the whole Behar on the 11th and extended eastwards. The consequence of the action of these two currents was to give a falling barometer, increasing winds, and general rain, over the whole Province during the remainder of the week. The rainfall was especially heavy in South Behar, the greater part of which received amounts varying between two and three times the normal rainfall of the week. Generally, it may be stated, that Behar and Chutia Nagpur received abundant rainfall, very considerably in excess of the normal amount, whilst in Bengal and Orissa the variations from the normal amounts were generally small and counterbalanced each other, so that they received on the whole approximately normal rain. One important feature of the week was the transfer of the area of low pressure from Orissa to the south-western districts of South-West Beneal. districts of South-West Bengal.

Pressure.—At the end of last week, pressure differed very slightly from the normal, except in Orissa, where there was a considerable deficiency. The low pressure in that division had been persistent and permanent for some months previously. The changes of pressure from the 9th to the 12th were generally small. There was a slight increase of pressure, which was most marked in Orissa. The effect of this was that the relatively low pressure in that area disappeared. On the afternoon of the 12th, pressure began to give way over the whole Province. The barometer fell continuously until the end of the week by different amounts in different parts of the Province. The fall slightly exceeded '2" in the south-western districts of South-West Bengal. It averaged '19" in South Behar and at Hazaribagh, '18" in East Bengal, '15" in Orissa and the southern districts of North Bengal, '14" in North Behar and 12" in the northern districts of North Bengal. This large fall reduced pressure very considerably below the average of the period, and altered the distribution of pressure. Two areas of slightly deficient pressure with respect to the remainder of the Province were formed, the one occupying South Behar and the adjacent portion of Chutia Nagpur, the second, the south-western districts of South-West Bengal. The latter appears to be the continuation of the Orissa area of low pressure, which has hence been displaced to the north. The former depression very largely influenced the amount and distribution of the rainfall of the week. It was commencing to fill up at the end of the week and has since disappeared. The South-West Bengal depression is, on the other hand, more clearly marked, and continues to influence the weather in Bengal to a moderate extent.

Temperature. - In consequence of the abundant rainfall of the past week, temperature, which had been considerably above the average over a large part of the interior, was much reduced. The mean temperature of the week was very slightly in excess in Orissa, North Behar, and South-West Bengal. It was, on the other hand, in defect by small amounts in South Behar, Chutia Nagpur and East Bengal. High maximum temperatures were recorded in Behar at the commencement of the week, and before the present burst of rain bad extended over the whole Province. The following were the highest maximum temperatures recorded during the week :-

Mozufferp	ore	***		***		n the	9th.
Gya		# 444	***	0 m a	96.7°	39	9th.
Motihari		F 444	***	***	96·1°	39	9th.
Pubna	***	4 * *	***	***	95 5°	22	9th.
Charges					05:00		Orb

Winds.—Winds were very light at the beginning of the week. It was stated in last week's report that very strong monsoon winds had prevailed for some days on the Cevlon coast, and that this probably indicated the advance of strong monsoon winds up the Bay, and another burst of rangial over the Province. Their advance up the Bay, unlike previou, examples during the present rains, was not attended with any large eddying motion in fronts examples during the present rains, was not attended with any large eddying metion in fronts and hence they did not give rise to a small cyclonic storm, and have discharged their vapour over the Province quietly and without local atmospheric disturbance. A remarkable change in the winds in Behar and Chutia Nagpur commenced on the 11th. Westerly winds set in on that day at Hazaribagh and at one or two stations in South Behar. They extended on the 12th and 13th to the whole of Behar and Chutia Nagpur, and a large part of South-West Bengal. They began to give way on the 14th, and normal easterly winds were re-established in Behar on the 15th. These westerly winds appear to have been the

extension of the Bombay mousoon current eastwards beyond their ordinary limits. This is the first occasion during the present south-west monsoon that the weather and rainfall in Bengal has been directly and appreciably influenced by the Bombay monsoon current. The intrusion of westerly winds into Behar, it will be seen, gave copious rain to the greater part of South Behar, where for some weeks previous the rainfall had been very deficient.

Rainfall.—The rainfall of the past week has been unusually abundant over the greater part of the Province. The conditions under which it has occurred have been stated under the paragraphs relating to pressure and wind. Moderate supplies of aqueous vapour have been brought into the Province by the Bay of Bengal mousoon winds. The Bombay branch of the mousoon current has poured larger supplies into the western divisions. The combination of these two inflows has been to give copious rainfall to Behar and the northern district of Chutia Nagpur, and normal, rainfall to Bengal. The only divisions in which it was slightly deficient during the week week or is sauth West Bengal.

Moderate rain fell on the 9th in South-Weat Bengal and Orissa, and light showers in East Bengal. The break in the rains continued in North Bengal until the 10th, and in Behar until the 11th. General rain was received in North Bengal and Orissa, and the greater part of South-West Bengal, and light local showers in East Bengal. A few heavy local showers also occurred in Behar.

General, and in many cases heavy, rain fell over the whole Province, excepting Orissa. on the 11th. The largest amounts were received in the northern districts of North Bengal The following are the falls exceeding three inches recorded on that day:—

Rungpore	1 0 0	* * *		144	4:17 inches
Julpigorce	***	P E 4	***	***	3 94 ,,
Buxa	+ + +	* * *	***	444	3:78 ,,
Dinhatta		7 R e			8.72 ,,

Very little rain fell in Orissa and the western districts of South-West Bougal on the 12th. General rain was received over the remainder of the Province. It was heaviest in South Behar, where the following amounts exceeding three inches were registered:—

Dehree	***	* * *	200		3:35 inches
Sasseram	* * *	* 1 *	* * 1		3 30 ,,
Dinapore		* * *	- 0 4	> 4 4 4	5.80 ,,
Jamui					3:04

General rain occurred over the whole Province on the 18th. It was more evenly distributed than on the 12th. On the 14th and 15th general rain again fell in all divisions except Orissa. The amounts varied considerably from station to station. The rainfall was most abundant in South Behar. The following amounts exceeding three inches were registered on these two days:—

Munshigun	in the	l lacca	district		4.2	mehos	on the	lith.
Jamui	77	Monghyr	71	101	3.09	2.9	31	
Sasseram	27	Shahabad	2.0	104	8:08	9.9	27	
Susscram	9.1	23	9.9	* * >	4-05	31	on the	lõth.
Jehanubad	22	Gya	3.3	0 = 0	3.08	23	1.7	

The rainfall of the week was on the whole 17 per cent. below the normal in Orissa. The Cuttack district received an excess of 30 per cent. The Balasore district, on the other hand, barely obtained 50 per cent of its normal amount.

South-West Bengal received an average very slightly in excess of its normal fall. Moorshedabad Bancoora, Beerbloom, the 24-Pergunnaha, Hooghly. Howrah, and Midnapore obtained amounts varying from 60 to 5 per cent. in excess. There was a very slight deficiency in the Jessore district. Burdwan obtained 14 per cent. less than the normal, and the Nuclear districts 22 per cent.

East Bengal received on the whole 90 per cent. of its normal amount. The Dacca, Furreceipere and Mymensingh districts received amounts from 10 to 30 per cent. in excess. Chitagong, Bur is Noakholly and Commillah received deficient rainfall, the deficiency ranging from 28 per cent. in Noakholly and Burrisal to 36 per cent. in Commillah.

The rainfall of the week was practically normal in North Bengal. Rajshahye, Dinagepore and Rungpore received amounts slightly in excess, and Bogra, Pubus and Julpigoree rainfall in defect by small amounts not exceeding 11 per cent.

The rainfall was in excess in all districts of Behar and Chutia Nagpur except the Sonthal Pergunnaha and Singbhoom, where there was a slight deficiency. The excess was tess than 25 per cent. in Chumparun, Mozufferpore and Durbhunga. It was between 50 and 100 per cent. in Purneah, Hazaribagh, Maubhoom, Bhagulpore, Patna and Sarun, and exceeded 100 per cent. in the Gya and Shahabad districts, which thus formed the area of most abundant raintal during the week. The chief feature of the rainfall of the past week is that it fell most abundantly in the districts where it has hitherto been scanty.

1462 SUPPLEMENT TO THE CALCUTTA GAZETTE, AUGUST 20, 1884.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the Province for the week ending Friday, the 15th August 1884:—

	1	1	PPMPE	RATUR	R.					E	LAIN P.	ALL				
	work,	redk.	Avera	ges for	week.	ntente or	•	of week	k.	Re	iny 41	ya.	Siner of J		Blace	188h
MRIROROLOGICAL Divisions.	Bighest observed during	Lowest observed during a	Of highest of each day.	of lowest of each day.	Of nown for each day.	A vernue mean of week of the	Average.	ormal average.	Taruttion,	Average number in week,	Normal average mum- ber in wegk.	Variation.	À TOTAGO.	Normal average.	Average.	Normal average.
Orimba	93.9	73-1	8814	79'2	83'8	+1'0	9'45	2.95	-0.20	41	4'5	-0.5	5-17	6.78	58.25	3018
louth-West Bengal	91.0	700	19819	78'3	83.0	+11.0	3,36	3117	+0.10	512	417	+0.8	6180	6163	\$0.63	31/9
Bast Bengal	1811.0	700	80.0	76'7	8116	-0.3	3.78	4121	- 0.43	016	5"6	0	6105	8.88	41.82	4014
Yorth Bengul	01'8	731	87*4	76'R	521	-	3738	3.23	-0.12	12	416	40°6	4167	6:86	20.82	4510
iorth Behar	9710	75'3	100'5	77.8	8411	+01	8169	2.84	+0183	81	4'0	+1'1	4114	5163	23,40	381
outh Behar	9617	7513	891	77.7	52°D	-0.95	4'43	2164	+1.71	2.5	3'7	+1°5	5.9	5'70	10:03	201
hutia Nagpur	83'7"	71'1"	83*1*	72.50	77'8°	-0'7°	4:35	2:00	+1130	810	4°G	+1'0	0.6%	7'03	22.54	901

· Chychense not included.

METEOROLOGICAL OFFICE, BENGAL;

JOHN ELIOT,

. The 18th August 1884.

Meteorological Reporter to the Gout, of Bengai.

Results of the Meteorological Observations taken at the Alipore Observatory from 10th to 16th August 1884.

		1	bright	Defer	1	Compan	LATURE,		1	Hygnon	enikt,		Winn.			
Mosth.	Unte.	Maximum in sur.	Number of hours of	Mean pressure baremeter at 82° Pahr,	Mess.	Maximum,	Range.	Marinam.	Menn wet bulb.	Vapour tension.	Dew point.	Humidity	Prevailing direction.	Miles recorded	Rain,	WEATERL.
1884.		_		Inches.	gia.	-	1 00-	eru.	←,	Englien	-	0/4		-	Inches	
Made	10tb	149.6	4'8	29:576	83:0	86.7	7:6	78:1	80.1	0.895	79.0	85	(84	0.80	Chiefly cloudy
	11th	80.0	Nil	*613	01 4	E6:7	6.8	7#8	79-6	1859	78 9	92	SSW, S and variable	71	1:41	Chiefly clouds
90	1216	1830	8-8	¥13	83.6	89 3	lori	79 2	80.0	1.001	79 8	86	S and SSW	120	Nil	Chiefly Cloudy
00	18th	147-6	1.8	1551	82'0	87 4	8.2	79-3	79%	0 967	76-2	87	SSW, c-lm and vari-	73	0.14	Chiefly cloudy
po	14th	146'3	10	'478	81.0	86.3	81	78:3	75'6	·946	77:6	bd	W by N and WSW	98	0.01	Cloudy, o, g, d.
99	15th	164-5	1.3	450	83-0	8818	8:0	70.7	79:8	·950	77.7	89	SSAV and S by E	60	0.83	Cloudy, o, g. d
10	16th	151.0	1-9	490	81.3	B7-9	1804	77.5	78.4	.686.	77.1	87	SSW and S	73	0.08	Chiefly aloudy

	he mean pressure of the seven days he average pressure of the corresponding period for	24 years, S	G.'s Office		Inches. 29:536 29:590	_
	he total number of hours of bright sunshine he maximum possible number of hours of sunshine	***	***	***	Hours, 16.5 90.4	
	The mean temperature of the seven days he average temperature of the corresponding period	for 9.1 weeks	S G L OFF		⊖ 82• 2	
7	he extreme variation of temperature	ior 24 years,	a. G. a Ollice		83·1 12·6 89 3	
1	he highest velocity of the wind in one hour	444	e ==		Miles. 12	
1	he highest pressure of wind on one square foot	0 0 0	* # #	1	Da. Not measureab	le .
	he mean relative humidity he average relative humidity of the corresponding per	riod for 24 yea	are, S G 's Off	ce	% 88 86	
T	he total fall of rain from 10th to 16th August 1884 he average fall of the corresponding period for 24 ye he total fall from 1st January to 16th August 1884 he average fall of the corresponding period for 24 ye he mean pressure, temperature, &c., are deduced from	enre, S. G 's O	Tion	oh and	1nobes, 2:78 3:85 86:87 42:29	

and from observations made at 6h, 10h, 16h, and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No. 86 formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions of the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o overcast, g gloomy, d drizzling rain, t thunder, < lightning, p passing temporary showers.

JOHN ELIOT,

METEOROLOGICAL OFFICE, INDIA, Calcutta, the 18th August 1884.

for Meteorological Reporter to the Government of India.

MEMORANDA.

The returns received from the first class Municipalities in Bengal during the week ending 2nd August 1884, disclose the following results:—

(1) That births were registered in these Municipalities at the rates of 18.5 per 1,000 of the living, and deaths at 28.8 per 1,000, as opposed to 17.5 and 27.5 per 1,000, respectively, during the preceding week ending 26th July.

(2) That the Municipalities which returned the highest proportions of births and deaths were—

		Births.				Deat	ha.		
				Itano per mille.		9			Ratio per mille.
Bhagulpore		***	***	35.4	Gya Monghyr		***		71·1 49·7
Serampore Chittagong	***	***	***	28:2	Patna	.,.	***		38.7
Gyn	141	944	4+1	25.9	Seramporo Bhagulpore		***	200	35°4 33°5
				i	Suburbs of (Calcutta	4 * *		80:4

(3) That the mortality from the principal diseases exhibited in the table appended to this memoranda, contrasted with the death-rates from the same causes in the preceding week, stands as follows:—

				Ratio		ik meer a carmid-
4				and		26th July 1891.
Cholera		- +4	111		8.1	2.4
Small-pox	4 = 4	***	* * *	701	15	14
Peyer	111	***	***	9 0 1	12:0	12.2
Howel-complaints		***	4 * *	***	5:2	4-12
Injury	0.4 +	4.6.4	* * 4	* * *	-7	*ei-
Other causes				* * *	7:3	7.7

The above figures indicate that there was no very noticeable difference in fatal results from any of the diseases, except cholern and bowel-complaints.

(4) That while small-pox and injury were nowhere conspicuously severe, cholern, fever, bowel-complaints and the diseases classed under the head of "other causes," proved most fatal to life in the Municipalities named below:—

Choler	a.	Fener.	Bowell-comp	plaints. Ot	her causes ? ?
	Ratio per millo	Ratio per malte		Butto per milly.	itatio per millo.
Monghyr Gya Poori	228 Gya 178 86		Bhagulpore Monghyr Futna	12.7 Naraing 10.8 Gyn 10.4 Daeca Suburbs Patna	15.7

(5) That the death-rates in relation to Sex, Class and Aye were returned at the rates indicated below:—

According to sea.	Accurating to Ciusa.	According to ages
Males 20.7 Femnles 27.7 Ratio of male deaths to every 100 female deaths 121	Christians 17-1 Hindus 30-2 Mellomedans 25-6 Budhists 18-1	Ratio per mitte.

R. LIDDERDALE, M.D., Deputy Surgeon-General, Saultary Commissioner for Bengal.

The 18th August 1884 \$

Districts	217 \$ 17 \$ 4 5 5 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	20		BIRTHS.		1									EVEL &M11.4		-	1010						
	Janor 33,000 33,000 33,000 35,000 36,000 37,473	26 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		RATIO P	-	_			-				Di	Disease							_		803.	
### PALITIES. Company or	34,000 38,000 38,715 38,486 5,510 5,510 77,479			OF POPULAT	LATION HUM.	£19 00 01		DE	DEATES FR	FROM			RATIC	RATIO PRE 1,000	0.5	POPULATION I	TIOR S	# 1000 L	200 717713119	DEATER		RATIO PER 1,900 OP POPULATION PHRANSTW.	ot editor	-
Bardwan 18,643 14,027 18,043 18,043 18,043 18,044			falol.	, and last the same of the sam	·[used,	Hatto of mula hirthu.	Cholera.	Pevera.	Howel-complaints,	· Canfirg	ловоній учіі()	And and see.	Avoieth.	Forers.	Marin - Completate.	printa.	Other disenses,	All causes.	Entire of cleating west	Males.	Mainton.	Permittee	b slam to ostaff	eavel 100 temsjed
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Germanpere			12	10*4 9*3	3 401	116	:	63	10	:	-	11		*	9-9	1	gra.	0.21	60.9 e3	•	7	g. 18	40	
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Uterpark 8.046			<u>R</u>	2.53	7.8 35.8	350	BH 148	Gi-	-	B1	P2	30°	64 (B)	0.23	0.8	6.69	gh.	9.50	20 20 20 20 20 20 20 20 20 20 20 20 20 2	~	7	1.83	187	
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			\$ S	11.8 12.3	3 23 6	54	-	\$76 000	2	:	5:	\$	0.1	0 8	4.5		6.9	19.7	6.83	=======================================	25	9.86	4 3	
Kishtanghas		S .	23 23	10.3 6.8	97 d-	ereb Brig plett	6	25	91 99	-	25	67 1	6	12.5	140	71	\$0.8	23.7	33:3	en en	64 30	4 30.0	137	
Ranachas 4,059 6antipore (3,776 Rampore Beautesh 10,796 Daujling 10,786 Sarringas 4,325 Sarringas 4,325	-	•	0 10	7.6 11:3	18.19	86	:	60		B1	40	13	:	12:	:	69	5.2	60 5p 91	(C)	00	- B	9.61 8.	224	
	400 S. 65.5	- 01	60	12.0 0.	0.51 0.0	2500	-	60	:	,	- :	w		18.0		0.9	;	0.93	0.68	01	60	16 2373	100	
tye	7:0,02 979	60	40	91 10	1° up	130		100	1	91	91	=		1.01	10	100	60	17.9	9.21	40	20 40 40	13.0	33	
ig Rampore Beauteach 10,766 ig Darglitzeg is,525 43,733 43,733	3,465 8,405	:	1		:	:	:	-	1	,	1	-	-	6		:	:		90	:	, T	16.3	No marie d	on the
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	4,958 12,561	-	67	9.3	12.4	- OG-		-		1	•	10		-	1.9	:	16.9	60 90	16.6	ψt	-	9.	8	_
S 13,340	8,796 £2,150	D	9	141 141	1 25.2	100	- 1	4%	:	-	1	61	49	90		60		 D1	5.00	7	15	9.65 9.	8	
th Comillah 5,163	5,331 13,306	-	-	8.0	0 p	o female,	-	01	1	:	2=0	20		E		1	6.1	9.11	7.2		91	19.4	3	
Paten Paten City 75,752 91,475	475 180,937	21	5	1.0	7.5 13.6	Dir Line	**	3	23	89	22	2	10	.3 13.0	10.0	1.0	10.4	39.7	25.1	8	8	1 37.7	101	
97a Gya 35,250 57,533	121 76,121	37	1 38	11.6 16.3	S 25 9	- de	38	3	10		R	104 17	100	ål er	6.9	1	100	1.12	47.8	22	2	\$ 99	120	
Shahabed Arrah 20,960 22,305	303 63.668	9	7 13	91 94 94 95	15.6	2	01	40	91		sqt.	62	61	0	-	90	5.5	2.4.2	976	01	0 35	B.03 1.	200	
Morniferpore Montherpore 23,054 18,435	33.9 62,742	an an	H	10.9 2.4	4 13.4	400	;	90	40	07	9	- 01	;	ipi	- F-12	61	66	10-9	96	60	- 10	- S	000	
Durbhangs Du-bhangs 83,774 32,322	160 00 00L	16 16	2	11:0 11:0	9,81	100	-	22	-	-		25	*	94	10	· ·	93	19.0	90 04	QES and	22	7 9.7	000	
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Sibagulpore Sibagulpore 28,040 27,913	57,453	# #	9	21.7 22.6	8,44	22	-	90	97	-	00	170	00	14:5	111.7	20	61	19	23	100	25	3 23.6	165	
W. W. M.	67,520	12 14	8	10.8 12.7	200	158	12	10	22	-	-	55	10	9 13.0	108	9	gu	1.69	2.23	8	20 05	92.00	17.8	
Furnesh Purnesh 6,653 6,553	319,411	#2	-	10.1	N 9.01	ofemale	:	*	do		- 3			202	6.0	:		F 04	20.3	PI	100	3 31.7	3	
Poort Poort 13,027 11,245	26,292	99	4	4.3 4.3	9.6	Durities,	*	er!	01	4 }	10	10 3	-	94	97.0		6.6	9.78	6	10	8	*	300	
Total 702,570 619,819	1,320,040	247 - 224	1 429	8.0 2.4	10.0	130	12	18	2	0	15	i i	1-	90	3		100	15.00	1 10	1 8	1 82	1 22.1	188	

• A special regard of the Europeans in the Dayling Municipality was recently taken, as the community, taken in Petriacy 1861 was not reliable, owing to the Surpeans here, for raise but consequently taken, as the reliable to the consequently in the above table, casent "Age," the raise made which have consequently in the Europeans blong all and the resistence of the Europeans blong all and the consequence of the Europeans blong all and the consequence of the Europeans blong all and the consequence of the Provided form of the consequence of the Europeans blong all and the consequence of the Europeans blong all and the Consequence of the Europeans blong all and the Europeans blong all and the Consequence of the Europeans blong all and the Europeans blong all and the Europeans blong all and the Europeans blong all and the Europeans blong all and the Europeans blong all and the Europeans blong all and the Europeans all and the Europeans blong all and the Europeans blong all and the Europeans blong all and the Europeans blong all and the Europeans blong all and the Europeans blong all and the Europeans blong and the Europeans all and the Europeans blong and the Europeans all and the Europeans blong and the Europeans all

SUPPLIMENT TO THE CALCUTTA GAZETTE, AUGUST 20, 1804.

OFFICE OF SANITARY COMPUSSIONER FOR BRHGAL, The 18th August 1884.

PUBLIC WORKS DEPARTMENT-BENGAL.

IBRIGATION BRANCH. Statement showing heights over mean sea-level and low under on the River Granch. Bhagiruthes, Ibellinghes, and Perhandooten for the month of July 1884.

SEATHER POOTES.	Gowhaity.		Height over mean sea-forei.	
BRADI	Gowth		Height over gero of gange.	2022404488888686888888888888888888888888
THE COURSE	Ahur.		Height over mesa ses farel.	□ 日本日本日本日本日本日本日本日本日本日本日本日本日本日本日本日本日本日本日本
BITTER JURICUSTONES.	Krishnazhur.		Beight over tens	Pasharanan tallan paratatan
RITER SIRVIERS.	Berhampore.	4	Height see men	######################################
BRAGIRCTERS.	Berhan		Height over zer- of gange	# 2
	Goallando.	From Bampore Bonulesh 120.	Height Height over nego	会社会の表示に対するというないにおいます。
	Goel	102 serants more	Height over zero	######################################
	Boauloath.	From Satish-	Height orer mean sea, level.	**************************************
	Rampore Boauloafs.	.174 seraned more	Height orer seto of reage.	######################################
	Salibgunge.	Krom Mongh) t 94.	Height year menn pen-level.	uprysanduninduninganabangang andarangungungangaasanabangan andarangungungangaasan
	Sarib	Prom Bennese 581.	Height Height over mean over ser- ses-level of gauge,	2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -
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	Be		Height Height Height over acceleral, of gange, see-	
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	Mirrapore,	-stanlin mort	Height ro over mean c. set-level.	23644966696669666966696669666966696669666
1		1	Height offer ge	
_		Distance Miles		
		. d		

C. W. ODLING, Under Secy. to the Government of Bengal.

Dated 18th August 1484.

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

Statement showing the total amount of Traffic and Tolls on the Circular Canal at the Chitpur Toll Station for the month of July 1884.

Number		APPROXI	MATE	TORNAGE OF E	loats.	Tollage.		
of boats,	NATURE OF CARGO.	Weight of oargo.	Value of eargo.	Maunds.	Tons.			
	LOCAL TRAFFIC.	Mds.	Ra.			Rs.	A .	
							-	
114 25 4 1 1 1 1 1 2 2 270 16	Coal Earthenware Sand Lime Iron Mats Mustard-seed Castor-seed Vegetables Tobacco Jaggery Salt Bones Dry-fish	62,229 700 2,250 460 50 40 125 160 50 210 250 1,32,600 4,300 10	23,336 850 720 344 300 400 500 480 100 2,100 1,000 3,31,500 4,300 100	91,875 6,425 4,850 1,000 175 175 500 450 175 475 1,950 2,37,725 8,150	\$.181 229 173 35 6 6 17 16 6 16 69 8,495 201	24 20 3 1 1 4	12 1 12 8 6 15 8 6 9 9	
440	Total	2,03,484	3,65,580	3,54,075	12,545	2,697	8	-
663	Total of same month	2,10,995	3,73,250	4,21,525	15,048	3,907	15	Ber
562	Miscellaneous. Empty, passenger, planks, fish, &o.	2,000	8,000	4,77,900	17,067	2,088	7	
84	Boats under 25 maunds	820426				21	0	
	7	*****		g p + d 0 6	*****	34	1	
4 5 4 5 F	Demurrage		*****	*****	*****			_
-646 -	Total	2,000	8,000	4,77,900	17,067	2,143	9	
859	Total of same month last year.	1,97,500	3,93,800	3,94,775	14,098	1,927	11	
		2,05,434	3,73,530	8,31,975	29,612	4,841	1	
1,086	Grand Total				1		_	

MEMORAND	UM.			Ra.	Δ×	8.
Unrecovered balance on the lat of the month	944	410	444	979	0	9
Amount of tollage for the mouth	000		200	4,841	1	6
		Total	***	5,118	2	8
Amount credited in the accounts for the month	244	m@+	004	4,993	16	3
Balance at the e	ad of th	e month	400	119	3	0

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

Statement showing the total amount of Traffic and Tolls on the Circular Canal at the Dhappa Toll Station for the month of July 1884.

		Arres	INATB	TORRAGE OF	Boats,		
Number of hours.	NATURE OF CARGO.	Weight of cargo.	Value of curro.	Maunds.	Tons.	ToRme.	
	LOCAL TRAFFIC.	Mds.	Rs.			Rs. A. 1	P.
. 8	Earthenware	204	102	1,100	39	9 10	0
66	Linte	77,965	62,372	1,29,625	4,629	1.134 3	6
297	Firewood	2,04,075	40,815	4,08,200	14,578	3,061 8	0
39	Iron	5,609	33,654	19,425	693	84 15	5)
8	Brass	1,141	49,358	13,000	464	18 9	6
ĭ	Cotton	210	3,780	450	15	2 10	0
26	Jute	15,065	60,260	23,025	820	201 7	6
. 11	Mats	1111	7,370	6,175	231	56 10	()
4	Paddy	883	1.546	1,950	690	17 1	0
349	Rice	1,50,680	5,27,380	3,22.575	11,520	2,822 8	6
2	Wheat	580	1,450	1,200	42	10 8	0
82	Gram	85,797	74,594	56 825	2,029	489 5	6
105	Linseed	38,995	1,55,980	76,575	2,781	670 0	6
5	Mustard-seed	3,920	16,760	1+,550	412	65 11	9
28	Til	8,624	58'078	14.225	508	124 7	(i
133	Other oils	26,136	1,11,074	69,700	2,846	304 15	0
17	Oil-cake ···	5,700	5 700	10,625	379	92 15	0
21	Pruits	1,805	5,595	4,125	147	35 0	0
7	Vegetables	765	1,530	1,950	69	17 1	0
16	Spices	2.820	50,760	5,375	191	47 0	G
1	Turmerie	300	2,400	675	14	5 14	fi
. 25	Ciruss for eattle	1,450	5,800	13,300	475	116 6	- ()
7	Straw	75	375	2,100	75	18 6	0
76	Betelnuts	14,639	1,17 112	34,400	1,238	2:19 2	9
5	Sugar, unrefined	600	6,000	1,500	33	13 2	0
46	Jaggery	16,935	67,820	36,050	1,287	300 14	40
40	Na!	4,380	10,950	$\frac{14,300}{1,050}$	510	55 9	-6
12	Hides	5,225	10,450		37	9 3	.6
20	Bones	2,000	2,000	3,975 550	106	34 12	f
5	Dry fish		500			4 13	()
1,467	Total	6,27,445	14,52,515	12,85,875	46,221	10,124 8	()
1,811	Total of same month last year.	7,17,100	12,38,800	15,05,875	53,841	12,588 0	ti
	MISCRLLANEOUS.					,	
. 1,990	Empty, passenger, fish, planks, honey, tamarind, onion, shells, fowls, charcoal, ghee, golpatta, wooden plate, bam-		4,30,000	3,61,050	12,423	3,159 3	- 1
41.4	boos, betel, &c. Bosts under 22 maunds			*****		103 8	0
414	Demurrage	404000	4 4 4 0 0 0			177 3	
2,404	Total	1,07,500	4,30,000	3,61,050	12,893	3,739 14	- 3
3,069	Total of same month	1,00,000	3,00,000	2,75,750	9,848	3,110 4	6
3,871	Grand Total	7,34,945	18,82,515	16,46,925	59,044	13,864 6	::
4,880	Grand total of same month last year.	8,17,100	15,38,800	17,81,625	63,689	15,695 5	()

NDU	M.			Hn.	A.	P.
		642				
	444	180	441	13,a: 4	G	3
		Total	904			
	101	114	884	13,700	11	3
	month	des	***	730	15	8
		***	Total	Total	Total 13.002	Total 14,323 10 15,702 11

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

Statement showing the total amount of Traffic and Tolls on the Tolly's Nullah for the month of July 1884.

umber	1	Arprox	MATE	Tonnage or	BOATS.	
of bonta.	NATURE OF CARGO,	Weight of eargo.	Value of cargo.	Maunda,	Tons.	Tollage.
	LOCAL TRAFFIC.	Mds.	Rs.			Rs. A.
43	Coal	21,690	8.133	43,025	1.536	186 5
30	Donilelana	12,350	3,087	30,175	1,077	113 2
165	Dadaba	4,04,000	3,239	88,590	3,160	331 14
12				"		23 8/
	Tiles	17,200	420	6,275	224	
128	Earthenware	1,395	2,610	25,450	908	97 6
27	Sand	11,350	3,682	30,600	1,092	114 12
1	Lime	10	8	25	00011	0 4
149	Firewood	50,325	10,065	94,250	3,364	676 8
2	Iron	255	1.530	1,200	42	9 10
- 3	Brass	30	1,140	150	5 !	0 15
6	Cotton	650	11,700	2,575	91	21 4
4	Total	275		625	21	5 7.
6	Make	500	1,100	1,400		
			5,000		9 167	
181	Paddy	27,330	47,828	60,725	2,167	5305
793	Rice	1,24,153	4,34,535	2,47,575	8,840	1,766 5
1	Wheat	20	50	325	11	2 13
45	Gram	17,540	33,280	55,275	1,973	478 4
8	Mustard seed	3,175	15,875	7,875	280	47 2
18	Til	3,100	10,075	7,425	96	64 15
10	Other oils	3,460	14,272	11,350	405	50 6
1	Oil sales	65	65	150	5	0 10
. 5	Tourista	190	570	750	26	3 15
62	Vegetables					72 6
		5,355	10,710	18,350	654	
18	Tobacco	3,050	30,500	12,050	430	45 8
4	Spices	115	1,840	325	11	2 5
3	Grass for cattle	28	126	450	16	3 15
218	Straw	3.653	18,265	33,250	1.186	211 9
1 *	Betelnuts	250	1,875	575	20	5 0
3	Sugar wafinal	450	5,325	1,140	41	10 1
120	Lacronin	19,565	78,560	39,725	1.381	290 12
217	Salt		,			
	711	48,173	1,20,482	2,24,600	7,984	
7	Cattle	113	169	350	12	3 1
5	Dry fish	200	2,000	725	25	6 5
1	Hides	231	462	75	2	0 10
,297	Total	7,80,246	8,78,478	10,47,325	37,134	6,149 14
,783	Total of same month last year.	4,50,608	7,30,206	8,97,925	32,061	6,157
,997	Miscrelaneous. Empty, passenger, golpatta, planks, shells, fish, pipes, babla wood, baskets, soorkee,	24,775	00.100	2.05.705	19.001	1040
150	&c., &c.	1	99,100	3,65,725	13,061	1,952 0
156	Boats under 25 maunds		*****	*****	000140	39 0
	Demurrage	*****	*****		44444	117 7
,153	Total	24,775	99,100	3,65,725	13,061	2,108 7
,387	Total of same month last year.	1,75,972	1,39,602	3,43,875	12,280	1,923 7
1,450	Grand Total	8,05,021	9,77,578	14,13,050	50,195	8,258 6
5,170	Grand total of same month last year.	6,26,580	8,69,808	12,41,800	44,341	8,080 8

ABSTRACT FOR THE MONTH OF JULY 1884.

17/6		TRAI	FFIC.	1894-95.				2's	AFFIC	. 1885-84.		
	During the	month.		To end of the	mon	h.	During the corr mentl	• mpot	oding	To end of the equipment	otrivening ht.	posd
CIRCULAR CANAL.	Rs.	A. 1	Р.	Rs.	Α.	p.	Rs.	A.	r.	Rs.	٨.	P.
Circular Canal at Chitpore toll- station Ditto at Dhappa toll-	4,841	1	6	20,898	11	6	5,835	11	3	19,473	4	3
station	13,864	6	3	60,703	14	0	15,698	5	0	64,532	3	3
Total	18,705	7	9	81,602	9	6	21,534	0	3	84,005	7	6
Tolly's Nuliah	8,258	6	G	28,262	4	3	8,080	8	3	32,874	8	0
GRAND TOTAL	26,963	14	3	1,09,864	13	9	29,614	8	6	1,16,879	15	6

CALCUTTA,
The 19th August 1884.

G. F. E. S. Neill, Major, M.S.C., Under-Secretary to the Goet. of Bengal.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Beturn of Traffic for week ended 9th August 1884 on 1,509} miles open.

	COACHIE	o Trappic.	MERCHANDISK TRAP	AND MINARAL	Other cuminos	Total carnings.	TRAPVIC	TRAIN-MILE	o aus.
	Number of passengers.	Conching recupils.	Weight carried.	Beceipta	(estimated).	Total carmings,	Cosching.	Merchan- diso.	Total.
		Rs. A. P.	Mds. s	Rs. A. P.	Rn. A. P.	Ra. A. P.			
total traffic for the week	1:08,719	2,07,035 14 0 137 2 0	19,58,510 20	4,07,659 6 0 509 11 11	16,160 4 0 10 11 3	6,00,752 10 6 457 9 8	60,8791	91,885}	158,764
or previous 5 weeks of half-	1539,273	8.51,110 B D		11,89,797 5 2	83,145 4 9	32,72,969 6 4	250,432	422,004}	715,087
Total for 6 weeks	1,137,002	\$1,58,152 A D	1,15,68,315 26	27,001,250 18 2	09,305 15 2	59,61,746 0 4	321,412\$	015,4692	\$6 d05
COMPARISOR. Total for corresponding week of provious year Per mile of valuesy, correspond-	102,726}	1,57,008 4 6		7,05,818 3 b	4			178,081	\$35,171
fing week of previous year otal to corresponding date of previous year	1,170,8311	. 11,80,552 12 3		40,63,410 7		63,41,422 10	871.744	871,006	1,248,7

Approximate Statement of gross receipts of the East Indian Railway, prepared in accordance with Public Works Department Circular No. XXI, Itailway, dated 23rd July 1883.

RECEIPT	rs you week IH AUQUST 1	PERING 853,	RECEIL	TH POR WEEK I II AUGUST 155	LNIMMG	*APILII	1. RECEIPTS FRO , 1885 TO LITE A 1885.	M IKT DOUST	Tota Aprii	t arcripts yrd , lost to till At lost,	M lar rough	Total meresso	Total decrease,
Mean mileagu worked.	Receipts.	Per mile sectod.	Menn milenge worked	Recents.	Per inthe worked.	Mean unlease worked	Total receipts.		Menn unitense worked	Total receipts.	Per mile surpassi.	III 1884.	in 1:64.
	Re.	Ra.		Ra.	Rs.		Rei.	Rs.	1,5094	Ita.	Ra 10,329	Re.	Rs.
1,500	0,00,001	603	1,5091	0,00,750	£5H	1,6(9)	1,94,59,0,0	13,505	11111111	9*00*64	721/0000	*****	0.001,100

EASTERN BENGAL STATE RAILWAY.

Approximate Return of Traffic for week ended 2nd August 1984, on 350 miles open, including Calcutta and South-Eastern and Bengal Central Railway mileage.

	COACHING	TRAFFIC	4	MERCHANI	DHE A	AND MINE	BEAL	Ott	her ratt			-	TRAFFIC	Train-mile	S RUN.
	Number of passengers.	Canalin		Weight carri	ed.	Recupi	la.	1	estimate Incinda tenin bo	nst.	Total car	ELHIJER.	Conching.	Merchan- dise.	Total.
		Ra.	A, P.	3108.	8. 1	Ra.	L P	1	Rs. A	. P.	Ra.	A. P.			
. Total traffic for the week	106,361	32,170 163					n o 9 4	1	050,0	0 u	72,910 169	$\begin{bmatrix} 0 & 0 \\ 3 & 1 \end{bmatrix}$	12,637	7,163	19,830
br per taile of railway of half-		1.15,000	() ()	6,00,802	0	1,13,270	0 0		17,650	U II	2,45,890	0 0	47,022	30,943	77,96
Total for & weeks COMPARISON.	412,707	1,47,100			- 11	1,41,020	0 0		#E.030	0 0	3,18,510	11 0	60,679	38,100	97.78
B-Total for corresponding week	77,746	90,334	U {	2,69,125	0	49,740	0 0		9,664	0 0	30,744	W 0	9,958	7,170	17,10
Per inite of railway corresponds	293	116	B 2	1,091	0	INS	2 4		~1 7 6 0 0		304	7 1	*****		111
Total to corresponding date of previous year	354,220	1,01,377	+ (12,70,716	0	1,10,467			41,842				50,275	35,16}	13,45

A.—Includes receipts of Calcutta and South Eastorn Railway, and 50 per cent. of receipts of Bougal Central Railway, viz. Rs. 4,50 and Rs. 3,739 respectively appearanced over the several heads of raille.

R.—Includes share of Hengal Central Ennway receipts due to Eastern Bougal Railway for working, viz. Rs. 979, and Calcutta and South Eastern receipts Rs. 1,784.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Eastern Bengal State Railway.

RECEIPT 471	s for where	ENDING	RECEIPT	s pon werk (Absent 18	nspiso 81.	Total	L BECKEPTS PRO PL. L 1883 TO 4T AUGUST 1883,	M let	TOTA	AUGUST 1884,	n ler	Total	Frimi
Moun nileago rocked	Receipta.	mile	Mean mileare worked.	Recepts,		Mean milean worked.	Total receipts.		Means mileaste worded	Total receipts.	l'er nule worked.	1584.	1648.
253	Rs. 89,744	Hs.	3500	Rs. 72,860) la.	263	Ra.	Rs. 6,256	330	Ra. 13,20,966	Ra. 3,680	Ra.	Na. 0,10,410

Porada section

Bengai Central Ballway, Bengong to Khulsa...

91

EASTERN BENGAL STATE RAILWAY.

Approximate return of traffic for week onded 9th August 1884 on 359 miles open, including Calcutta and South-Eastern and Bongal Gentral Ruilway mileage.

	Солсани	FRAPPI	c.		МЕНСИАНД		ARIC:	KM	AL	Other es			1	h.		TRAFFR	TRAIN-MIL	RE HUN.
	Number of	Conch			Weight carr	ícil.	Recei	pts.		stential stential	Linn	18	Total our	Dir	ЦВ.	Combine,	Morchan- disc.	Total.
		Ra.	A	1°,	Mus.	e.	En.	Δ,	Р.	Ra.	Α,	P,	Ra.	А.	l's		_	-
A.—Total traffic for the week Or pur mile of railway	81,417 ±27	81.6 80	0		2,34,513 653		89,419 141			7.739 0	0	0	81,770 231		0	13,087	8,196	21,383
For previous 5 weeks of half-	412,797	1,47,160	0	0	8,87,118	0	1,40,020	()	12	22,630	0	(I	3,18,830	()	-01	59,670	98,100	97,795
Total for 6 weeks	404,234	1,78 790	0	()	11,51,631	U	1.00,410	0	D :	30,3%0	U	0	4,08,600	Н	0	74,760	64,401	1,19,107
B.— Total for corresponding week of previous year	68,157	30,842	0	0	2,12,972	O	37,672	Ð	()	8,443	0	0	74,654	0	0	10,048	6,700	10,733
ing in riod of previous year	269	310	2	1	810	0	143	13	9	0	0	0	258	15	10	* 4 T 1 # 0	141707	P4 P > 14
brashorn lorg,	452,377	1,91,919	0	()	14,83,771	()	2,54,460	U	0.	80,0%	U	(1	6,06,033	0	40	60,308	41,881	1,02/169

A.—Includes receipts of Calcutta and South-Eastern Railway, and 56 per cent of receipts of Bengal Central Railway, viz. Rs. 6.538 and Rs. 3,905 respectively apportioned over the several heads of traffic.

B.—Includes share of Bengal Central Railway receipts due to Eastern Bengal Railway for working, viz. Rs. 939; and Calcutta and South-Eastern receipts 4.4318.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Eastern Bengal State Railway.

RECRIPT	re POR WREE H AUGUST 1	ENDING		n pon werk n August 19		Tor lsr	AL RECEIPER E APRIL 1883 TO AUGUST 1888.	HTH	167	rat receipts b April 1884 Ed Apolest 1884.		Total	Total
Mosti mileage worked.	Receipts.	Por mile worked.	Metan miteage worked.	Recorpts.	Per unk worked.	Mean mileage worked	Total receipts.		Mean pirience worked.	Total receipts.	l'or mile workett.	ingress in 1881.	decrense 121 1884.
263	Nn. ,76,886	R1.	349*	Rs.	Ra. 230	203	Re. 17,21,937	Rn. U,847	350	Ra, 14,33,273	Ra.	Rs.	Re. 2,48,064

• Increase in mileage. Parada section ... 6 Bengal Central Hailway, Bongang to Khulna ... 91 (a)

BENGAL CENTRAL RAILWAY.

Approximate return of Traffic for week ended 2nd August 1884, on 126 Miles open.

	Содения	G THAPP	ic.	Минсы			AND MIN	RRA	1.	Other en			Total cur			TRAPPIO	TEATH-MILI	ER REIZ.
	tumber of juneouspers.	Court		Weight c	arrie	d.	Recen	its,		(estima)	teni	i).	1 TOTAL PART	1311	LJCS:	Conching	Merchen-	Total.
		Rn,	A. 1	. Mds.	. 8	J.	Ra.	A. I	. !	Ra.	Α.	P.	Hn.	A.	ľ.			
A.—Total traffic for the week O1 "Table of railway For serious a weeks of half-	17,860	6,617	12	11,0	182	0	SH2	5 1		30 0		10	7,470 60		0 ft	3,193	1,002	4,255
Media of pril-	67,469	24,243	В	0 '48,0	122	0	4,488	Ω	0	145	()	{h	28,923	O	D.	11,570	4,895	16,775
Total for 6 weeks	65,315	30,837	o	54,7	H16	0	6,300	U	0	215	0	D	80,402	0	0	14,163	5,867	20,020
Comparison.																		
B.—Total for corresponding week of previous year	9,710	1,602	D	18,5	15 (0	845	0	0	12	D	0	1,959	0	0	804	835	1,220
ing period of provious year	277	48	12	8	D5 1	0	9	18	0	0	ä	Į.	65	15	6		PRO111	*****
Total to corresponding date of previous year	45,493	8,988	0 (84,0	23 (В	1,839	0	0	223	0	ù.	10,330	0	()	6,345	1,690	6,061

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Bengal Central Railway.

	S POR WEEK			ed August 1		TOTAL	RIL TO 4TH AU 1885,	om 1st Gest		L HACRIPTS PR THE TO THE AUG 1894.		Total increme	Total decress
Mean milean Worked,	Receipts.	Por mile worked	Mean autour worked	Receipts.	Per mile worked.		Total receipts.	l'er tu le worked.	Mean Intenge worked	Total receipts.	Fer title worked.	10 1884.	us 1886-
85	Ro. 1,900	Ra.	196	Ha. 7,479	26.	88	Ra. 89,070	10.	126	Rs.	En. 1,363	Rs. 1,82,983	Ac.

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 9th August 1881 on 126 miles open.

	Coacuin	D TRAFF	nc.		Mangran		AND MI	of its	EAI.	Other ea	. mestacent	Tota	-4		TOTAL	TRAIN MILE	BRUH.
	Number of passengers	Concl			Weight carried,		Recui	pti	l _e	(cultum		carmin			Conching.	Merchan- disc.	Total.
1		10%	A	r.	Mila.	s. ,	Ra.	A	. г.	Ra.	A. P.	Ra,	ă.	р,			
A.—Total traffic for the week Or per mile of railway For previous weeks of half-year	19,296 153 85,315	7,036 56 80,887		0	6,450 43 64,304	0	679 5 5,300	0	0 0 0	92 1 218	0 0 0	7,810 62 36, 602	р 0 н	0 U	3,460	974 8,867	4,468 20,030
Total for 8 weeks	104,611	37,938	0	0	50,763	0	£4970	0	0	2017	0 0	64,910	0	U	17,002	6,561	24,473
COMPARISON,																	8,0
b.—Total for corresponding week of previous year Per mile of milway corresponding	FIN),d	1,557			9,732		\$65				0 6		{ }		3165	263	1.208
period of previous year Potal to corresponding date of previous year	257 57,456	9,858	5		238 92,951		2,107		0		0 8	19,200			5,810	1,950	7,800

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Bengal Central Railway.

RECEIPT 111	R FOR WEEK	RND1No 488.	RECEIPT	s pon wrek 1 August 18	ESDENII 88.		HACELPTS FROM HI 1883 TO H AFGEST 1883,	FM	TOTAL A:	L BECRIPTS THO PRIL 1651 TO 9T AUGUST 1861.	M 18T I	Total	Total
Mean mileure worked.	Receipts.	Por Inde- worked	Menti Tinlenge Worked	Receipt	Per mile worked,		Total receipts,	Fer mile worked,	Menn Indusgo worked,	Total receipts.	Per mile worked.	increase in 1886.	decrease in 1996.
	Ro.	Ita.	1	Rs.	ILp.		Rs.	Ra.		Rn.	ks.	Ra.	Ra.
35	1,670	5.6	120	*,810	C-3	35	40,049	1,170	126	1,80,770	1,435	1,39,821	199.443

PATNA AND GYA STATE RAILWAY.

Approximate Weturn of Traffic for week ended with August 1884 on 57; miles open.

	COACHING	TRAFFI	c.		MERCHAND	DISE .		ED	AL	Other ea			Total ear	end	Ings	TRAFFIC	Thain-mil	ROLL OR
F 0 80 %	Number of passentions.	Canchi recupi		-	Weight carri	ied.	Recei	nin.	.]	(oxtuma	(Martin)				Merc	Cosoning.	Merchan- dise.	Total.
2		₩n.	A - 11.	p. (Mas.	B	Ra.	Α.	P	Ro.	A	P	Ru. a	Δ.	P.			
Take trade for the week or per mile of railway	9,152 160	6.893 80			57,641 1,008		4,478			35 0	1 & I				0	1,718	790	2,806
For provious 8 weeks of half-	42,349	22,740	0 0	n	2,23,000	10	17,156	5	b	107	5	0	40,055	0	()	h,079)	5.945	14,028
Total for 6 weeks COMPARISON.	\$1,500	27, 412	3 0	0	2,41,560	100	21,000	15	0	502	U	-0	49,163	18	0	9,7974	6,7624	10,530
Total for corresponding week of previous year	4 (67.17) 8	4,0%1	3 1	Ð	46,220	0	1,824	Đ	Ü	65	13	0	8,066	8	0	1,863	683	1,894
Per mile of railway correspond-	244	71	2 0	U	773	10 1	33	14	-6	0	15	7	104	4	11 /		(1)***	77
Total to corresponding date of	47,094	23,610	6 1	0	1,67,105	Ü	10,966	3	0	319	6	0	33,905 1	13	0	10,980	8,775	175

Approximate Statement of gross receipts of the Patna and Gya State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, duted 23rd July 1883.

RECEIPT 111	s for were H August If	REDING		TA FOR WEEK			i, beckipts pro 1913 to lits A 1885.			J. RECEPTS PRO 1884 TO PTH A 1584.		Total increase	Total decrease
Mean mileante worked.	Receipts.	Per	Menn unleage worked	Receipts.		Mean mileage worked	Total receipts.	Per pule worked	Mean mileage worked,	Total receipts.	Per mule worked.	in 1894,	in 1806.
67 }	Rs.	114. 196	876	Rs. 9,106	Rs. 159	671	Ra. 1,63,720	Ra. 2,687	674	Ra. 1,63,661	Ra. 2,646	Ro. 2,041	Bo.

GHAZIPUE-DILDARNAGAR STATE RAILWAY.

Approximate Return of Traffic for week ended 8th August 1884 on 12 miles open.

	Солсии	G TRAPP	ic.		MERCHARDISE A	ND MINKRAL PIC.		Other earnings		Total	1		TRAPPIC	TRAIN-MILE	SRUM.
	Number of passengers,	Cone			Weight carried.	Receipts.		(estimated).		enema			Coaching.	Merchan-	Total.
		Ba.	A.	r.	Mils. s.	Rs. A. P.		Ra. A. P.		Ra.	8. 1	P,			
Total traffic for the week	1,516		11		5,310 ti	$\begin{array}{cccccccccccccccccccccccccccccccccccc$		31 19 0 2 11 6		710			199	180	329
For previous '5 weeks of balf-	11,641	2,000	3	-(1	85,910 20	529 11 0		233 2 0		3,071	0	Ú	767	784	1.651
Total for 6 weeks	14,057	5'1'5	7	0	40,320, 20	B0 3 0		265 12 0	-	8,750	6	0	966	914	1,580
Comparison, To al for corresponding week of					1									,	
provintis year. Per inde of radway corresponding	1,0201	390	8	34	10,501 20	286 B U		() ff h		590	1	3	244	86	32(1
week of previous vent		27	3	-	48477	21 5 11	-	0.8.0		419	1	5	011487	*****	***
previous year	12,613}	2,19	Б	3	52,227 20	1.597 - 1 - 0		165 12 0		3,607	Ь	3	1,333	641	1,974

Approximate Statement of gross receipts of the Ghazipur-Dildarnagar State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

	re For Werk is August 15			TS FOR WEEK THE AUGUST 180			1. BECFIFTS PEC 1893 TO 115H A 1983,			L RECEIPTS FR. 1834 TO PIR 1834.		Total	Total
Mean miluage worked.	Receipts.	Per taile worked	Mean milease worked.	Receipts.		Mesu mileage worked	Total receipts,		Mean mile me worked.	Total receipts.	l'el mile worked.	1886.	demining in
19	Re. 589	Ru.	12	Rs. 715	Ra.	12	Re. 19,199	Rs. 1,600	10	Rs. 21,710	1,810	Ro. 2,520	Rs.

SINDIA STATE RAILWAY.

Approximate Return of Traffic for week ended Wth August 1881 on 741 miles open.

	COACHING	TRAPPIC		MERCHANI	HAR BRAD		ELL		Other car	nin.	Eu	97-1-1			THAPPIC	Thain-milk	SETN.
	Number of passengers.	Conchin recupts		Weight carr	led	Reentp	ta	-	(estimui			Total ear	011375		Coaching.	Merchan-	Total,
,		Rs. A	. P.	Melu.	5.	Rи.	a, P		Ha.	A. I	P.	Rs.	Δ,	P.		2,	
Total traffic for the week	6,045	3,431 P	0	30,153	(t	1,450	6 3	0	89 1	3	0 2	4.951 Ed			895	5001	1,45
For previous 5 weeks of half-	19,720	16,730 5	0	2,20,231	10 1	10,151	0	5	445	0	()	27,397	ar d	8	3,0021	4,051 €	7,74
Total for 6 weeks	28,766	20,142 () ()	2,65,398	[11]	11,559	5	71	0.8 s	8	0	32,275	10	3	3,6872	1210,0	9,10
COMPARISON. Total for corresponding week of previous year Per mile of railway correspond-	3,631)	2,1136	3	66,100	30	1,018	d (0 -	145	Q.	1	4,097	Б	9	012	473	1,05
ing week of previous year	p + 9 + + 1	30 €	В	\$24.500	.	21 1	1	7	1	14	g g	63	()	10	*****	450141	100,000
Total to corresponding date of provious year	23,519}	19,642 14	1 1	1,25,633	n i	10,957	1 (0 1	808	lo	0	31,256	ţi.	1	5,810	A 3,596	7,613

Approximate Statement of gross receipts of the Sindia State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

Raceiri liti	a por wrat E Avourt 186	ENDING 3.		TS POR WESK H AUGUST 15		APMIL	1883 TO 11TH 2	M 1ST APOUST		L URCEIPTS PRO 1884 TO PER A 1884,		Total	Total .
Mean mileage worked.	Receipts.	Per mile worked.	Mean nuleage worked.	Receipts.	Per mile worked.	Mean initense worked.	Total receipts,		Mean mileage worked.	Total recespts.	Per mile worked.	1884.	deorease in 1886.
70)	32.e. 4,007	Ro.	74)	Ra, 4,931	Ra.	76)	Ra. 1,15,909	Rs. 1,536	74)	Ra. 1,30,615	Ra, 1,783	Ba. 14,707	Da

BENGAL PROVINCIAL BAILWAYS.

Weekly Statement of Iraffic Receipts.

Latest return		Length	RECEIPTS FOR	MBER SEDIES	TOTAL BRO	ENIPTS PROM	Total increase in	Total	Percentage
received.	Name of Railway.	Spou.	19th May 1883,	17th May 1584.	To 19th May 1885.	To 17th May 1864.	2884.	decrease in	of increase
1884.		Miles.	Ka, A, Y,	Rs. A. P.	Rs. A. P.	Ra. A. P.	Rs.	Re.	
Slat May	Northern Bengal Tirhuot	249 19N	35,582 0 0 16,690 0 0	40,393 0 0 31,680 0 0	0,10,305 0 0 3,15,494 6 0	7,43,890 0 0 4,41,695 0 0	1,26,201	1,70,910	-18 +40
21st Jape	Calcutta and South- Eastern	56 27}	8,217 0 0 1,037 0 0	5,256 0 0 1,678 0 0	1,16,657 0 0 34,197 0 0	1,50,267 0 0 29,431 0 0	13,610	4,765	+19.
	Total	525}	61,106 0 0	79,805 0 0	13,66,653 0 0	13,44,788 o U	414798	41,870	+87

BENGAL PROVINCIAL RAILWAYS.

Weekly Statement of Traffic Receipts.

Latest return		Length	RECEIPT	n ys	W AC	BEE EAD!	NG				CRIT	TS FROM IN	Т		Total	Total			Percentage
rocayed.	Name of Railway.	open,	26th Ma 1685.	y		24th M 1681.			To 26th 3 1693,	1aj	7	To 94th M 1884.	lay		in 1881,	in 188			of incress or decress
1884.		Miles.	Re.	Α.	P.	Ro.	A.,	F.	Ra.	Ă.	г.	Ra.	Δ.	P,	Rs. A. P.	Ro.	À	P.	
that James	Northern Bengal	11G	45,316 20,733			40,500 32,564			9,68 ,621 3,38,227	0	0	7,53,695 4,78,959	0		1,37,734 0 0	1,82,026		0	-10 +41
Has June	Ensiern Palisti	56 27)	8,433 1,584	0	0	5,247 1,484			(1,25,090 35,741		0	1,55,514 50,916		0	10,424 0 0	4,863		0	+ 8 -14
	Total	5253	76,646	0	0	79,201	Ü	0	14,62,719	0	0	14,23,984	0	0		38,785	0	0	- 3





SUPPLEMENT TO

The Calcutta Gazette.

WEDNESDAY, AUGUST 27, 1884.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE may receive the Supplement separately on payment of Six Rupees per annum if delivered in Culcutta, or Twelve Rupees if sont by Post.

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RESOLUTION ON THE GENERAL ADMINISTRATION REPORT OF THE CHITTAGONG DIVISION FOR THE YEAR 1883-84.

GENERAL DEPARTMENT .- MISCELLANEOUS.

Darjeeling, the 26th August 1884.

RESOLUTION.

The General Administration Report of the Chittagong Division for 1883-84.

The Report is submitted by Mr. Cotton. Officiating Commissioner. Mr. Lowis was in charge of the Division throughout the year. No changes occurred during 1883-84 in the District Officers of Noakholly, Tipperah, and the Chittagong Hill Tracts. Mr. Manson held charge of Chittagong from 1st April 1883 to 11th February 1884, when he was relieved by Mr. C. A. Samuells.

2. Tours.—Mr. Lowis, during a tour lasting 138 days, visited all the more important parts of a division where travelling is peculiarly difficult and tedious. Mr. Hopkins, Collector of Tipperah, and Mr. Forbes, Deputy Commissioner of the Chittagong Hill Tracts, made adequate tours. Mr. Cooke, the Collector of Noakholly, made a longthened tour of 116 days, during which he inspected the various subordinate offices that lay on his line of march, checked the payment of chowkidars' wages by the village punchayets, conducted several investigations into cases of bad livelihood, enquired into the working of the Excise Department, the license-tax assessment, the progress of road work, state of village communications, prospects of crops, the prevalent road work, state of village communications, prospects of crops, the prevalent rates of rent paid by ryots of the islands in the Megna, and the nature of their titles. The Commissioner correctly states that the work done by Mr. Cooke affords a good illustration of the important and multifarious duties which fall

within the province of a District Officer while on tour; and the Lieutenent-Governor desires to add that such work, if intelligently done, not only enlarges an officer's knowledge of his district, but leads the people to look upon and trust him as an active and efficient governing power. The District or Sub-divisional officer is, while on tour, freed from the entourage of ministerial officers which surrounds him at head-quarters, and is given the opportunity of establishing a real personal influence over the people of his district. At Chittagong the united tours of Messrs. Manson and Samuells came to only 52 days during the year. Mr. Samuells was in office for only the last six weeks of the year under review; but in Mr. Manson's case, even with the explanations given of the stress of particular work at head-quarters, much more should have been done in the way of inspection work in the interior of the district. The Sub-divisional Officers of Sungoo and Fenny made full tours; but those of Chandpore and Bramumberiah in Tipporah were only out for 83 and 19 days respectively. The explanations given in the Report fail sufficiently to account for this neglect of an important duty, and the Lieutenant-Governor must look to the Commissioner to enforce obedience to the orders repeatedly issued in this matter.

3. Weather and Crops.—Tables of monthly rainfall from the sudder and sub-divisional stations are given by the Commissioner. As, however, the average rainfall for each period is not given, these statistics are comparatively uninstructive. Now that the operations of the Meteorological Department have been extended, and printed returns are daily published for every district in Bengal, local officers should find no difficulty in obtaining whatever figures may be necessary to illustrate and bring out the conclusions which local experience leads them to form. At present District Officers give Government general observations, often unsupported by figures, while the Meteorological Reporter supplies figures unrelieved and unillustrated by local experience of actual results. In Chittagong early and heavy rain damaged the tea, but left the rice crop uninjured. In both Noakholly and Tipperah the rainfall of September and October was deficient, but the loss on the high lands is said to have been compensated by the heavy outturn of the low lands. Jute cultivation appears to have spread greatly in the riparian tracts of Tipperah, and to pay better than the coarser kinds of rice. The reduction of the area sown in food crops in an outlying district like Tipperah is by no means a matter for regret, for much grain is now produced which either perishes or finds a poor market. Thus the producers and indirectly benefits those who supply the producers with food at better prices than they otherwise would get.

the producers with food at better prices than they otherwise would get.

4. Health and condition of the people.—The recorded mortality in the Chittagong district fell from 21,091 to 15,143. Calculated on the total population, the latter figure yields a death-rate of 12.80 per thousand against 17.13, the average death-rate for the last five years. For statistical purposes the figures are not of much value; but if the percentage of error is uniform, the decline in total mortality now reported may be taken to indicate a healthy year. For the other districts of the Division no statistics are given, but everywhere the general health of the people is stated to have been good. It is satisfactory to find that Rangamati, the head-quarters of the Chittagong Hill Tracts, has become more healthy since the reclamation of the lands lying opposite to the station. On the general condition of the people, the reports of all the District Officers are satisfactory. They indicate a high standard of prosperity, and in some few instances of affluence among the people, results which come from the absence of any severe pressure of population upon the soil. The Commissioner

The material prosperity of the people of this Division is indeed a fact which admits of no dispute. There are very few wealthy individuals; but, on the other hand, there are no paupers. The possession of wealth is widely diffused among all classes of the community. I attribute this fortunate condition of things to the system of land tenure which prevails, under which almost every individual is the possessor of a small plot of land or interest in land; and a fair rent, fixity of rates, and free right of sale, are almost universally claimed and recognized. Very few of the evils which are said to exist in other parts of these provinces

exist in this Division. Rack-renting is virtually unknown, and the only practical difficulty under the existing rent law, which needs a remedy, is the difficulty of realizing undisputed rents from under-tenants.

upon this subject observes :-

The Lieutenant-Governor has always recognized the relatively prosperous condition of the people of these eastern deltaic districts, and he would point out that the main object of the Tenancy Bill is to establish throughout Bengal these equitable and salutary principles of fair rent and fixity of tenure which differentiate the larger part of this Division from less fortunate portions of the Province. The substantive provisions of the Tenancy Bill will find in existence, in large tracts of the eastern districts, those wholesome relations between landlord and tenant which elsewhere, it may be hoped, they will tend to establish, while the procedure chapters should supply those facilities for realizing rents, the want of which is generally deprecated, as much in the interests of Government as of the zemindars throughout the Province.

5. Emigration, Wages and Prices.—The number of emigrants from Cox's Bazar to Arracan rose from 200 to 354. No special reasons are assigned. A further report should next year be furnished regarding the nomadic immigration of hilmen into the Chandpore sub-division of Tipperab, where they are said to be clearing large areas of jungle by jhoom cultivation. The cleared lands appear to be occupied by resident cultivators as soon as the hillmen retire. There is no ground for interference with an obviously advantageous process of reclamation. The price of rice rose throughout the Division in consequence of the short crop in other parts of Bengal. Wages appear to have remained stationary.

6. Manufactures.—The quantity of tea exported from the 29 gardens in Chittagong fell to 889,616bs. from 1.030,927bs in 1882-83. The two ricemills at the station had a prosperous year, exporting nearly six lakhs of maunds against 2,79,000 maunds in the previous year. Native-made piece-goods are said to be rapidly giving place to imported articles, and the weavers are taking

to agriculture.

Trade and Commerce - The value of the sea-borne trade of the Port of 7. Chittagong rose from Rs. 2,36,60,408 to Rs. 2,47,56,862. The total quantities are not shown. From another table, dealing only with foreign trade, it appears that the exports of rice, jute, and tea have fallen in quantity and risen in value. A new trade has sprung up in jute-cuttings, of which a quantity, valued at Rs. 4,85,245, was exported to New York. The trade of Chittagong will be discussed in fuller detail in reviewing the Administration Report of the Port. Here it will be sufficient to notice the Officiating Commissioner's opinion that, by reason of the competition of water-carriage, the railway from Chandpore to Chittagong is not likely to attract heavy merchandise such as rice, salt, and jute. Mr. Cotton thinks that Chittagong itself may best be developed by opening out steamer communication with Naraingunge, which he regards as the natural trade centre of Eastern Bengal. The Lieutenant-Governor, while he fully recognizes the importance of Naraingunge to the growing jute trade of Eastern Bengal, does not share the Officiating Commissioner's forebodings regarding the probable failure of railway developments in these parts. Very much would of course depend upon the practicable navigation of the Megna by vessels of large draught at all seasons of the year. Upon this point it may be noted that, at the instance of this Government, a rough survey was made last cold-weather of the channels of the Megna leading to Naraingunge. A chart, embodying the results of this survey, will be published shortly, and it, will be then a matter for consideration whether a detailed survey should not be undertaken with the object of ascertaining whether sea-going steamers can with safety approach the town.

8. Monetary arrangements.—In Chittagong the khas tehsil system of collecting the rents of Government estates is said to have relieved the treasury of considerable pressure, and to have been a great boon to talookdars with small payments to make. For the last six or seven years a loan bank, registered under Act X of 1866, with a capital of one lakh, has been in existence in Tipperah. The bank issues loans at various rates of interest on good security. Dividends are declared quarterly, but have never exceeded 12 per cent. It is stated that agriculturists do not resort to it largely, preferring to borrow from their own mahajans, and in this connection it would be interesting to know whether the strong tenant-right which provails in the district has had the effect of establishing a moderate rate of interest on loans made by ordinary

village mahajans. On this point the Commissioner is requested to submit a

special report before November next.

- 9. State of Public Feeling.—Owing to the prevalence of small proprietary tenures throughout the Division, such public feeling as exists concentrates itself upon the local land questions, and pays comparatively little attention to the wider political problems which are said to excite interest in some districts of Bengal. The peculiar revenue system of Chittagong, and the existence of large Government estates in Noakholly and Tipperah, lead to frequent re-settlements which, in a country of small proprietors, stir up feelings frequently out of all proportion to the revenue involved. The recent orders of the Government of India on the subject of re-settlements of land revenue, though not applicable in their entirety to Bengal, will serve to mitigate, if not to remove completely, such causes of dissatisfaction. The Bengal Tenancy Bill is said to create much interest; but the Commissioner says that its provisions are imperfectly understood, while "the impression prevails that it is intended to benefit the ryots at the expense of their landlords." The Lieutenant-Governor has little doubt that, if the provisions of the Bill were fully understood, much of the zemindar's opposition to it would disappear. His experience is that zemindars as a body believe the Bill to contain provisions which do not exist in it, and which are contrary to its object. The Local Self-Government scheme and the Criminal Procedure Code Amendment Bill are said to have attracted no notice among the native community in this Division. The Deputy Commissioner's remarks on the question of enforcement of labour in the Hill Tracts have already received attention in the Political Department, and the matter should be considered as settled.
- 10. Public Press.—Of the two fortnightly periodicals published last year in Chittagong, one has been discontinued. A weekly paper was started, but failed. One weekly paper is published in Tipperah. Both publications are said to be of a somewhat negative character, but they occasionally call attention to local matters which might otherwise escape notice.
- 11. Administrative Changes.—The khas system, or circle system of managing the Government estates in Chittagong, is said to have been severely strained during the year, but to have withstood the strain on the whole fairly well. The registration of proprietary titles to land in the district was almost completed after employing nine Sub-Deputy Collectors for four years on registering 150,992 interests in 78,569 estates. Between 2,000 and 3,000 remain, in which the proprietors have not yet been traced.

12. Police and Crime.—The Chittagong Police are well spoken of, and are reported to have earned large rewards under the salt, excise, and opium cases. Neakholly is described as a penal settlement for the police, and the force as decidedly inferior. No special fault is found with the Tipperah Police. Mr. Hopkins remarks that too much time is spent on inspection, and the Commissioner adds that this applies to all districts in Eastern Bengal where police officers must travel from place to place by boat.

13. The statistics of crime furnished in the Report show that the number of non-cognizable cases remained stationary in Chittagong, while the cognizable cases were fewer by 483 than in 1882. In Noakholly and Tipperah there was a decrease of 222 and 209 respectively in cognizable cases, and in the latter district of 259 in non-cognizable cases also. Generally speaking, it may be said that there is no professional crime in the Division unless forgery comes under that definition; and that disputes about land are almost the only

causes which lead to breaches of the law.

14. Civil Justice.—Suits for money and moveable property in the three regulation districts of the Division rose from 17,936 to 18,383, and rent-suits from 23,067 to 23,612; while title and other suits fell from 6,291 to 6,047. In Chittagong the number of rent-suits alone rose from 6,399 to 7,308, owing, it is alleged, to the difficulty of realizing rent under the recent settlement. Even after this increase, however, it appears that only 6.9 per cent. of the rent-roll shown in the road cess returns is recovered by suit; while in Noakholly suits are filed for 12.5 per cent., and in Tipperah, 64 in Chittagong, and 69 in Noakholly. The suggestive remarks of the

Collector of Tipperah on the working of the civil courts of first instance will

be considered in the Judicial Department.

15. Land Revenue. - The outstanding balance of land revenue due from Government estates in Chittagong rose from Rs. 1,04,803 to Rs. 1,21,412. In the other districts of the Division collections were fair. The difficulties experienced in Chittagong were due to special causes, the most important of which—the doubts thrown upon the correctness of the recent Noabad settlement—is still under consideration, pending the results of enquiry by an officer specially deputed to Chittagong for the purpose. Settlement work has made good progress in both Noakholly and Tipperah. Messrs. Cooke and Hopkins, Collectors of these districts, and Deputy Collectors Mr. H. W. Barber and Baboo Sarat Chunder Dass, deserve credit for the care and industry they have shown in revising settlements which had fallen into extreme disorder.

16. Excise.—The excise revenue of the Division rose to Rs. 2,96,311 from Rs. 2,36,947 in 1882-83. The average for the previous five years was Rs. 1,89,754. As compared with the previous year, the only noticeable items. of increase are Rs. 3,448 under ganja, accompanied by a slight decrease in consumption, and Rs. 54,619 under opium. The increase in opium represents an excess consumption of nearly 58 maunds—eight at Chittagong itself, and the rest at Cox's Bazar. It is explained by the practice of smuggling excise opium into Arracan, where the wholesale price is the same as in Bengal, but the retail price is forced up by the monopoly system of opium licenses in force in British Burma. The question is still under consideration.

17. Stamps—The stamp revenue in Chittagong, Noakholly, and Tipperah rose from Rs. 10,33,260 to Rs. 10,93,364. No special causes are assigned for the increase. It is observed that the incidence of stamp revenue in the Chittagong Division is five annas per head of population, against three annas per head—the incidence for the whole of Bengal. This is no more than might be expected where small properties are numerous and the general standard of

prosperity high.

18. Sait .- Owing to large clearences for Naraingunge, the amount of salt on which duty was levied in Chittagong increased from Rs. 3,51,004 to Rs. 3,98,963. The consumption of salt in the two saliferous districts is said to have risen from 1,85,070 maunds to 1,77,007 maunds, and it is added that Mr. Manson, Collector of Chittagong, and Mr. Mackertich, Sub-divisional Officer of Cox's Bazar, have exerted themselves to repress smuggling in Kutabdia Island and the thana of Teknaaf. The Commissioner, however, still thinks that the rate of consumption (6.2 seers per head in Chittagong, and 53 in Noakholly) is below the true standard for a flourishing population

19. Communications - There are no important works to be noticed under this head. A new road cess office is to be built at Chittagong, and some progress has been made in bridging the numerous unbridged roads in that district. In Noakholly great progress is said to have been made in extending village roads on a system of grants-in aid. One new road was opened in the

Chittagong Hill Tracts.

Education.—The following table shows the statistics of education for the last two years:-

				1883-	84.	1882	-83.
				Schools,	Puplis.	Belsools.	Pupils.
Chittagong	190	444	***	1,298	86,667	1,417	87,143
Noakholly	485	***	448	1.805	43,718	2,105	45.552
Tipperah	400	2 5 0	0.04	3,543	74,174	4,470	90,509
Chittagong Hill	Tracts	***		14	266	10	227

With the exception of a trifling increase in the Chittagong Hill Tracts, the number of schools and pupils declined everywhere. In Chittagong the decrease is said to be due to the exclusion of certain lower primary schools from the central examination under the system of payment-by-results, and thus to be only nominal. The decrease in Noakholly, and the reason given by the Magistrate of Tipperah for the reduction of the number of schools by 300 and of pupils by 1,834, is couched in too general terms to be wholly satisfactory. The Commissioner remarks that the progress reported in female education is little better than fictitious, "as it is an invariable practice to withdraw girls from school before they have got beyond the speiling-book."

Committees.—In the Regulation Districts of the Division the various Committees are said to have made themselves useful, either as consulting bodies or by taking an active part in local administration. The Commissioner remarks that they show to most advantage in municipal business, where the members have to deal with a limited area, the requirements of which they know thoroughly. In the matter of roads their acquaintance with local facts is frequently incomplete, while, if the area to be managed is broken up and placed under Branch Committees, difficulty is found in procuring men of high character and good position to serve upon them. In Noakholly the non-official Vice-Chairman of the Municipality is said to have done excellent work, and the Magistrate seems very properly to have allowed him and other non-official members a large measure of independence. These gentlemen, however, are stated to think the presidency of the Magistrate essential to the successful working of the Committee, on the ground that punctual attendance and orderly procedure could not otherwise be secured. In time, no doubt, habits of punctuality and order will not need enforcement by the official presence.

22. Conduct of memindars—The report contains no information regarding the conduct of the zemindars or their relations with their tenantry in the regulation districts of the Division. The conduct of the Chukma Chief in the Hill Tracts formed the subject of special orders. Since the close of the year under report, the Mong Rajah died, leaving the affairs of his territory in great disorder. His minor nephew, Niphroosyne, has been proclaimed as his

uccessor.

23. Character of Officers.—The remarks recorded by Mr. Lowis under this, head will be communicated to the Appointment Department.

By order of the Lieutenant-Government of Bengal,

A. P. MACDONNELL,

Secretary to the Government of Bengal.

Rainfall, Weather, and State and Prospects of the Orops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different District of Bengal, as reported to Government during the week ending the 23rd August 1884.

N	0.	District, and dat	e of	Rainfull at Sudder Station in inches.	
BEN	GAI	4.			
		Wostern Distric	ita .		
,	1 1	Burdwan, 38 A	ag. '	84 8:30	Weather-showery, cool, and bright. Bain generally slight and local. Prospect
		Culna	_	1.73	slightly improved in the Ransegunge and Sudder sub-divisions. Rain still in
- 1		Cutwa Rancegunge		1 01 3 96	sufficient, but transplanting going on. Prospects of crops in Cutwa less fayour able. augaroane, &c., doing well. Price of rice has fallon slightly.
- 1	2	Bankoora, m	49.0	1.77	Weather -hot and cloudy. Rain general, but more wanted. Prices generall
М		Bisheupore Maliara		0.98	stationary, but in Itaipur and Simlapal the rise was between three and four seers, while in Kotulpore it fell from one to four seers and in Joypore three
		Kbattra		2.18	seers. Telkooad chali rice and Indian-corn beginning to be cut, and one padd
5		Beerbhoom, ,	98	. 475	in ear. Public health good, Weather—cloudy, heavy rain fell in some places. Transplanting of padd-
3 {	8	Rampore Haus		1.45	going on well, except in these Nulhati, where prospects of harvest von
SCROWAN DIVE.		Midnapore, ,,	23	2.00	poor. Prices still high. Some increase of fevor and cholera reported. Weather-warm, with occasional showers. More rain wanted for the newl-
100					transplanted paddy. Public health normal.
	6	Hooghly,		1:90 3:87	Weather-showery. Transplanting has been carried on vigorous y during the week. Early paddy being harvested with good outturn. More rain still
		Jehansbud		1.40	wanted. Prices steady. Prospects generally improved since last report
- [Howrah,	95	2.11	Public health good for the season of the year. Weather bright and clear with light winds and occasional showers. Mor
1		Oolooberials		0.75	rain much wanted both for young amus, and for our which is now ripening. Jute being cut. Sugarcane looks well, and vegetables, cultivated on a large
					ecale in the south of the district, are remarkably fine.
		Central Distric	rta.		
1	6	24-Pergumaha Aug	. 25	84 2:09	Weather-sessonable, but hot. Harvesting of one going on with about 12 ann
(outture. Transclanting of ames still going on. More rain wanted in Barner
- 1	2	Nudden,	23	'61	and Dam-Dum. Public health generally good. Weather-cloudy and showery. Harvesting of one still continues. Rain he
		Kooshtes		. 1.98	done good to aman, but more is required in some parts. Fever increasing i
PRESIDENCE DIVIL		Meherpore Choosdangs		1.43	some sub-divisions.
-		Ranaghat	23	. 3:17	Illustration and Date to the second sections and Date to the second
, a	8	Khoolun, ,,	-0	1.83	Weather—seasonable. Prospects of crops continue good. Public health on the whole fair, though fever provalent at Satkhira.
	9	Jesutre, " Jhenida	28	0.59	Weather-hot with occasional showers of rain. Harvesting of our crop con
		Magoorah		0.92	tinuos. Prospecta fair. Amun crop doing well. Cases of fever here am
		Navaii		149	
	10	Bougong Moorehedabad,	28	1.25	Weather-fine, with occasional showers. Transplanting still in progress, bu
		Labagh		1.03	beavy and continuous rain sadly wanted. Irrigation is being attempted
		Landi		2.14	where practicable, but fortunately heavy rain fell where it is most wanted down will be a short crop now whatever happens. Jute and sugarsane doing
					well and ploughing going on.
	11	Dinagepore, Aug.	23 1	84 -71	Weather-but, with slight showers. Rain keeps off and is much wanted. Rain
į					full 17 inches below the average. Prospects of our paddy good. Jute require water for steeping, and much more rain required for aman paddy.
	12	Rajahaliye. "	28	-	Weather -hot. Rain greatly wanted. Aus crop has suffered considerably from
		Natture		*85	want of rain, and sman crop endangered. Flooding from the river Pudma in the southern part of district has done some good. Health generally good,
i	18	Rungpere	28	441	Weather-very but, with little rain. Transplanting of amun in low lands
TI I		Kurigram Nilphumari		1.25	going on slowly. Rain much wanted. Malarious fever provailing. Public besith otherwise fair.
2		Guibanda		2-54	
RASERVATOR DIVE	14	Hogra, "	20	. 25	Weather-singularly hot and dry. Prospects of sman paddy not good. Trans- planting of amon seedlings has been retarded by want of sufficient rain. With
200					the exception of a few cases of fever and cholers, public health fairly good.
H.A.	16	Pubne,	28	0.83	Weather dry and hos. Condition of crops satisfactory in the Sudder anh devision, but in the Serajgunge sub-division rain badly wanted for standing crops.
					There is a good deat of faver in some parts.
9	16	Darjeeling, "	23	5:44	Moderate showers during the week. Indian-corn, mures and potatoes have come to perfection in the hills. Amus sowings continue on low lands.
	17	Julpigoree, ",	23	7-86	Wenther seasonable. Rain and annaling alternately. Ten to 18 annas of late
					paidy transplanted. Bhados paidy reported to be a abort crop in Boda, and good elsewhere. No disease prevailing.

	No.	District, and date of return.	Rainfall at Sudde Station i inches.	Character of the weather, state and prospects of the cropal) ad
BE	NGA	L.—conold.		
		Eastern Districts.		
	18	Daces, Aug. 23 '6		Weather seasonable. Harvesting of one paidy nearly completed and that a jute continues. Amus paddy thriving. Water is still lower than the average
		Moonsheegunge	5.81	dmun crop on high tands at Manickguinge net promising. Prospects of crop
	19	Naraingunge Furreedpore, 23 ,	1 89	wenther -changeable, but generally fine and calm. State and prospects of
1	{	Goslundo Madaripore	*40	crops less satisfactory than last month, owing to want of heavy rain. They are, however, still fair, and rivers have risen greatly. And harvest going on
			2.02	and jute being steeped Public noalth generally good.
	20	Backergunge, ,, 31 ,,	0.28	Weather-cloudy. Outturn of one crop expected to be below average for want of sufficient rain. Transplanting of oness still going on. Public health good.
	31	Mymensingh, " 23	1.48	Weather-cloudy and hot. Prospects of crops good, but more rain wanted.
		Kishoregunge	1 98	
		Attis	1.25	
1	22	Chittegong, Aug. 25 '84	-29	Weather-hot. More rain wanted. Transplanting slow. Prices rising. Cholera and cattle-disease continue.
	23	Nonkholly, ,, 22 ,,	3-04 3-31	Weather-frequently cloudy with light showers of rain. Resping of one p-day nearly completed. New rice solling at from 16 to 18 seem per rupee. Transplanting of omess continues. Young plants promising, but more rain
	24	Tipperah, ,, 22 ,,	2.27	wanted. Sporadic cases of choters still reported from motusail. Wenther—seasonable. Prospects on the whole favourable. More rain wanted
1	1	Braumunberiah	2:80	throughout the district. Process of transplanting continues. Jute and
	25	Chittagong Hill ,, 19 ,, Tracts.	1.99	Weath r-hot and close, occasionally cloudy and rainy Jum paddy ripening. Prospects of cotton and augure-use good, Transplanting of sman still
1		Hill Tipperah , 20 ,	1.93	wantinues Weather—too dry for the season; more rain wanted. Ams paddy being reaped. Ams still being transplanted. Prespects of jum crops fair. Public health good.
Bı	HAR.			
	26	Patna, Aug. 23 '8	0.00	on at the day of the second of
		Hohar	0.89	Weather—hot and cloudy, Prospects of bhadol fairly good. Transplanting of amous paddy going on on low lands. More rain wanted for transplanting on
1	27	Dinspore 23	2·00 8 22	high hands. Cholora still prevalent, Weather—clear. Light clouds and occasional showers. Prospects of crops
ł		Aurungabad	5 45	very good everywhere. Bhudoi is giving a good yield Sugarcane diing very
i		Nowada	3·28 4·72	well. Transplanting of paddy going on everywhere, and with favourable went of later in season may give a good crop. Both cholers and small-pos
ı	28	Shahabad, , 23	1:27	reported, otherwise public health fair.
1		Buxur	3.82	Weather—seasonable The recent rain came just in time to mave the winter paddy, which is now being transplanted and doing well. There has been a
ı		Blubus	Not.	fluod of the Soune which has destroyed the maker crop near that river.
			required.	the state of the s
L	29	Durbhunga, , 28 ,	2811	Weather-hot; east winds prevailing. In the aub-division of Tajpore, bhados
-		Madhubani Tajpur	1.15	crops are looking well and very promising. These crops are not so good in the Sudder and Mathabani sub-divisions. Hain badly wanted all over the district for paddy crops, which are actually withering for want of moisture in many places in two last-mentioned sub-divisions. Prices gradually rising. Public
	80	Mozufferpore, a 23 ,	0:06	heatth good Weather close and bot; searcely any rain has fallen. Prospects of bhades
		Sitamethi	0.40	crops generally invourable. Bice suffering from deficient rainfall. Fublic
1	81	Hajipore 28 ,	1 48	health good, Weather-cloudy in the beginning, clear towards the latter end. Very little
		bewan	*52	rain during the week, and that unequally distributed. India -corn and other
		Gopalgunge	46	bhadoi crops looking well. Transplanting of paddy going on briskly, but more rain required for transplanting on high lands. Prices fairly steady. Sporadic cases of cholera reported.
	32	Chumparun , 23 .,	409	Weather—int and cloudy, Prospects of bhadoi and aghani crops excellent in the Bettinh aub-division, but more rain now wasted to secure good bhado. harvest and to bring on paddy crop in Sudder sub-division. Prices atendy Public health good.
	, 33	Monghyr, Aug. 23 '8	-60	Weather-overcast, with occasional showers. The recent rain has been general
		Bieguserni	6 69	throughout district, and prospects continue good. Cross on low lands have been somewhat damaged by rise of river. Prices failing alightly. Public
				health good,
	34	Bhagulpore, H 28 H	1.60	The general outturn of, autumn crops has been a little better than was expected; it varies from 8 to 12 annas. Wherever rain has faller
		Mudbepura	1.13	transpirating of naddy has been carried on brakey, but union there
		Boopole	1.1	is a good full of rain shortly prospects of winter pauly will be very un- favourable. Murca crop in the north has been a good one. Price of common
	96	Purneah, 28	0.44	rice 1: to 15 sours per rupee.
	35	Kimongunge	2:26	Wenther-fine. Rather poor outlors of bhadoi crops in half the district. Aghoni prospects had so far. Health fair. Changes in flood,
		Arrarenh		

No.	District, ne		o of a	u	Rainfall at Sudder Station in inches.	Character of the weather, state and prespects of the crops, and state of health at date.
BEHAR	-oonold.	,				•
B1600 86	Maklab, Sonthal Peegh		23	84		Weather—hot with occasional clouds. Transplanted haimanti paddy seedlin are suffering much in the Barindra for want of rain. Bhadoi paddy, a 12-am cop, hervested. Rivers rising. Prices of food-grains stationary. Gener health good. Rainfull during the week has been deficient everywhere. Much palldy seedling
37	Deogbur Rajmehal Jumtara Pakour Godda			***	2:79 1:82 3:15 1:55 0:50	remaining to be planted out, and more rain needed for praper growe of aghani; where bhadei paddy has been harvested, outturn is much below the average. Ignora generally yielding well, the accounts of it from Gode are not so good as elsewhere. Small-pox continues in places.
ORISS.	A.					
88	Cuttack,	Aug.	28 7	34	2.49	Weather—warm; clouds and sunshine alternately. Bioli riponing. Sare being transplanted. Rain still insufficient for high land paddy. In parts Jujpore, bioli attacked by a kind of insect. Price of rice (alling. Publically 2001.
89	Poorec, Kauorda	l²	21	10	2·58 3·58	Weather—hot and cloudy, with occasional showers. Transplanting and weedir operations going on generally over district; but in lands on the Chilka shand in Hanpur transplanting returded for want of rain. Hield ripenin Miscellaneous crops thriving. Common rice selling at an average of 21 see 6 chittacks per rupee in the Sudder sub-division, and 24 seers 3 chittacks in t Khords sub-division. Public health good.
	Balasore	**	28 ,	,	1.04	Weather—seasonable and cloudy. Transplanting and weeding going on exect in some villages in the Bhadrak sub-division, where operations retard for want of sufficient rain. Biali crop in par and in some places ripening Public health good.
CHOTA	NAGPORE.					
Sou	th-West Fronti	ier				
41	Hasaribagh,	Aug.	23 '	8-4	7.86	Prospects of crops seem good. Transplanting of paddy going on. Indian-co- and other bhadoi crops promise well. Prices stationary. Cholora and sma pox reported from certain police-stations, otherwise public health good.
43	Lohardugga, Palaulow (18th to 19t	h idet		10	2·41 8·57	Wenther—sensonable. Wet and cloudy during early part of the week, but is tew days have been bright and sunny. Bhadoi crops promise well Goad being out near Lohnduggs. Prospects of puddy crop so far got weather having been favourable for transplanting. There has been a sever outbreak of cholera in a village near Ranchee, otherwise general heat good
43	Singbhoom,	, 11	92	,		weather-bright and hot; rain insufficient. Crops on high lands in the woof district are suffering from deficient rainfull, but favourable in all oth parts. Indian-corn yielding well Public health and condition of categood.
44	Manbhoom,	to	23	10	0.59	weather—cloudy; sky bright at intervals. The rainfell was general, but i sufficient. Scarcity of rice in perguental Bagda reported owing to scan rainfall. Sowing of paddy crops still continues. Prospects of sugarcance other bhadei crops excellent. Coarse rice sold on the 23rd instant 19 seers per rupee in the Purulia market. Public health generally good.

Published for general information.

CALCUITA, STATISTICAL DEPT.,
The 26th August 1884.

Colman Magaulay, Secy to the Govt. of Bengal.

PRICES-CURRENT of Food-grains, Firewood and Salt in the

RETAIL SALE :-QUANTITIES PER RUPEE BY

			WHEAT.						BARLET.						Ric	E, E	FOT	BOR:		ı	trei	II, CI	OM M	LOE.		Bulk	ven l	Mili	LUT LA.	GREAT MILLET- CHOLUM JOWAR.				
TA MILITARY	DISTRICTS.	.0	Present return.		Next preceding return		Corresponding return	of last jear.	Present refurn.		Next preceding return.		of het yest.		Present refurb.		Nert perceing return.	Corresponding retty a	of tast year.		ana ana	N. a. b. manualine ministra	ŝ		of last year.	Present return.	Next preseding telum.		of last year.	Present ratura.	Next preceding return.	1	Corresponding refutu of last year.	
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A in the sub-divisions the retail prices of salt per rupes were :- Culus 14 seers, Cutwa 13 seers, and Ranesgungs 184 seers.

D In the min-divisions the retail prices of sait per rupes were: - Conta: 125 seers, Tumlook 11 seers, and Ghastal 14 seers

V for the sub-divisions the retail prices of salt per rupes were .- Bartest and Bosses hat 1d seems, Harrack pore 122 seems and Ranaghat 125 of the sub-divisions the retail prices of salt per rupes were: - Knowless 13 seems, Maintenante 115 seems, Chooselangs 14 seems, and Ranaghat 125 of

H. The retail price of sait in the sub-divinion of catchirs and Bigirlist was 11 seers per rupes.

I in the sub-divisions the retail prices of salt per rupes were :-- Januarian and Natal 12 seers, Magurah 104 seers and Bougeng 13 sear.

In the sub-divisions the retail prices of salt per rupes were :-- Labungh 11 seers, Jungypere and Kandi 12 seers.

SALT.

SALT.

Distribts of Bengal for the Fortnight ending the 15th August 1884.

THE SEER OF SO TOLASS.

LEMME MILLET-RAGI OR MURWA AND CHERNA.

	Present relara.	Naxt preceding return.	of last year.	Present return.	Next preceding return.	Corresponding, return of last year.	Present refere.		Next preceding return.	Corresponding reterm	of last year.	Present redura.			Corresponding return	College of the Colleg	Present return.		Next preceding net .ru.		of last year	Prescul return,	Next proceding return		Cerresponding return of last year.	districts.
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E Tue retail price of sait at linguings was the seem and a Nitpure 10 avera per rupes.

The retail price of soit at Kurasons was 8 seers, and at Milligoree 10 seers per rupos.

O The retail price of sait at raison and raise per cupes were :- Manuckatungs 12 mers. Monahagunge 10 mers 10] chittacks, and Narangungs 13 mers.

h in the sub-curvature the retail orders of ant per rupes were: Parakhair lul seets, Buch 10 seets, and Perosepore 11 seets.

It is the sub-curvature the retail order of anti-per rupes were: Parakhair lul seets, Buch 10 seets, and Perosepore 11 seets.

PRICES-CURBENT of Food-grains, Firewood and Sall in the

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⁽a) Prince of rice in the interior ranged from 10 seers 11 chittacks to 30 seers 6 chittacks per rupes.

V In the not-division the rotal price of east per rupes were :-Brahmanberiah 137 seems and Champare 121 seems.

W In the sub-divisions the rotati prices of selt per rupes were : - Burar Li seers, Birshipus II seers, and Bassersun 12 sours

I in the sub-divisions the retail prices of sait per rupes were: - Hayerpore 18 seers, and Seelmarth 11 seers. Z. In the sub-divisions the retail prices of sait per rupes were: - Sewan 112 seers, and Gobalguage 13 seers.

the retail price of sait in the interior ranged from 10 to 12 seers per rupes.

M HOLDSALD PRICES
PER MAUND OF
40 SERBA

Destricts of Bengal for the Fortnight ending the 15th August 1884.—(Convold.)

SEER OF SO TOLAHS.

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In the sub-divisions the retail prices of sait per rupes were:—Beguserai 11 seers, and Jamui 12 seers.
In the sub-divisions the retail prices of sait per rupes were:—Banks 12 seers, Madh-pura 11 seers and Scopools 10 seers.
In the sub-divisions the retail prices of sait per rupes were:—Kissengunge 10 seers, and at Maneegunge in Arraresh sail-division.
The retail price of sait in Godda and Rejunchal sub-livisions was 11 seers per rupes.
Retail price of sait at Daltongunge was 9 seers and Khartoughdha 11 seers.
The retail price of sait at Daltongunge was 9 seers per rupes.
In the sub-divisions the retail prices of sait per rupes were:—Govindpore 11 seers, Burra Baner 10 seers, Ragunathpore 13 seers.

WHOLESALE PRICES-CURBENT of Food-grains, Fire-wood, and Salt in

			-							-	1					_				1				-					T						to object			T	Desa	ven Mr	
						W1		LT							BAI	RI.B	T.					R	IOI	, 1	HOT	80	RT	,			ŀ	tic	100, 1	0011	M (130.			Cua	INGO IL	JEA.
N THE COLUMN	MARTS.			Present return.			Next preceding return.			of last year.			Present return.			Next preceding return.		Commence dine setteres	of last year.			Present return.		1	Next preceding return.		Corresponding return	of last year.			י נומאכם וביותוני		i	Next preceding return.		Chamber of the cake or	of last year.		Present return,	Next preceding return.	Corresponding ratura of last year,
			R.	Á.	2.	R.	٨.	P.	R.	Α.	P.	H.	۵.	2.	M	. A.	P.	R.	٨.	P.	R.	٨.	P.	B.	A. :	P.	R.	A. 1	P.	R.	ā.	2.	ĸ.	A.1	P.	R.	<u></u>	P.	R.A.P	R.A. 2.	Bas
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9	Serajgunge	111	9	6	0	2	10	0	1	19	0		***			186			p-4 ft		8	19	0	8	12	0	8	8	0	11	7	0	9	8	0	2	0	0	1004	100	+40
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CALCUTTA,
The 25th August 1884.

the undermentioned Marts of Bengal for the Fortnight ending the 15th August 1884.

GREAT	r Mii om Jo		HAGE	ER MEI COR MU DOMESSION	RWA	Mais	g or la	DIAE-			GRA	M.				Pr	RSW	700	D.				8	SALT	P.			
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Published for general information.

Colman Macaulay, Seey, to the Govt. of Bengal.

Meteorological Report of the Province of Bengal

										STATIC	N OBSE	RVATI	ONS.				:	
					Am	PERMO	RF.	WIND				Te	RPHRAT	CHA.		1	1	othil
	Distric	.	Representation station.	ve	Mean bacometrio height, to a m.	Mean reduced to see-level.	Enriction from thous.	Prevas lug direc-	Mean wind valo-	Highest daring	Lowest during week.	Nean ifestioning	Mean infinition of ten perature of week.	Mean daily tem- perature of week.	Variation from normal mean of notifi-	Men 10 4. H. temperature.	Average hampiells; at 10 A. M.	Average cloud amount
Ť			Gopalpore	.,.	201004	99'654	_	Calm &	205	9018	80'5	60-7	881	8414	→	8616	70	-
	Pooree	066 771	False Point	, .	20.022	291655	1001	81	223	6714	32.1	5819	77.8	0110	-1.0	88'7	· 184	
Ш,	Cuttack	104 41	Cuttack		2211808	29'646	-031	Culm	38	9116	76'4	98.0	77'9	02.0	-13	89.0	r 73	
11	Balasore	(2)	Halasore		29'585	19'644	-	88W	108	8719	73'8	8817	77'6	91.3	-	84'3	78	
	iouth-West M	idnapore)		39'610	\$9.642	'037	SW 4 SE	391	8912	78'5	86°P	79 4	8312	-0-11	. 84'3	. 82	
	South 24-Perm		Saugor Island	434	20,010	80 080	- 007	34 90										
8	Hidrapore	441 11	Midmipore	+>+	29.403	29*640	-	R	8616	90'3	75'8	8816	77'8	\$3.8	-	86.1	76	
1	14-Pergunnaha		3															
	Howrah	441 441	Calcutta	*1	29.623	291645	-1066	88	96	8811	77'6	8818	70.0	82'6	-01	881	82	
Ш	Hooghly	444 1014]										i					
11	Burdwan	007 11	Burdwan		29"531	\$9-651	053	ESE	do-	90'6	77.0	89 0	76'4	837	-0.4	B4-1	76	
11	Bankoora	146 ***																
1	Beerbhoom	100 100	Ranigunge	- 11	191311	-	-	SE	110	8915	76'5	8815	26.0	83'3	-	84:0	61	
11,	West Burdwan	1 200 1012																
L	Coorshedabad	141 44	. Berhampere		29.988	201660	-1016	E	1001	90 1	77:3	6816	78 0	83'3	-1.0	8817	.03	
	Nudden		. 422793				Ob	SOFTELOTY C	ot starte	od.								
	Tennoro 5	144 011			201637	891660	1016	1 8	120	89-7	77'0	88*9	78'3	837	+01	88'3	80	
	Khoolna	*** ***	Jemere	941	- W 1781		010	Res	200								0	
1	Chittarong	gas 64	Chittagong		29'642	29:731	+*008		124	1:08	75'0	8416	76.6	80.1	-11	8819	300	
1	Chittagong Bil	Tracis.	Demagiri	60.			Ohr	ervations r	ot receiv	red.								
	Backergunge	1000	Barrisal	941	29'057	-	-	MSE	130'4	8010	00:07	86'8	75:01	79'67	-	8873	85	
1	Noakholly	101 21	Nonkholly	404	20.450	29-784	-	BSR	274'8	8612	76'3	8811	76'9	0.19	-	8810	114	
	Furreedpore	***	Forrendpare	141	291686	-	-	88	168'8	88.9	76'0	8719	78'0	82'8	-	83'9	a 81	
1	Ducos	200 61	Duore	40.	291601	291953	+ '063	888	106	89'8	7718	8817	78'3	82.2	+0%	85'8	47 43	
	Commillah 3	ga4 41	Commiliab	44.	291645	29 701	-	8.8	93.3	8614	74'8	8610	76.1	81.3	-	0013	8;	
l i	Mymerum ph	100 01	Mymensingh	4+	25/646	-	-	82	12914	88.3	76'1	11710	77'2	84.1		8816	76	
1	docum and Pub	500 ··	Bernjgunge		591637	\$0.687	-	38	168'8	8818	76:7	8719	77'6	82'8	-	63.0	81	
1	Rajshahve	400 40	Rampore Beat	il lamb	30-573	201540	-	BR	. 311'7	86'6	76'6	851	77'0	1,18	400	83'8	81	
1	Mnagepore	201 87	Dinagepore		891545	SD:067	-	SH	176'3	8016	77.0	8910	79.8	961	-	84'8	75	
1	Rungpore	444 99	Rungpore	441	301809	291093	-	BE	118	30.9	76'5	9919	77:7	83 8	-	85.1	78	
J	ulpiporus	400 201	Julpigness		291604	291690	_	BE	18819	80.0	76:1	89.3	76'4	85'9	_	84'5	80	
0	looch Behar	0001 d	o mbikores	her	200			1					1					
1	erjeeling Hill	Districts	Darjosling	84.0	22'904	-	- Care	ENE	861	6716	881	66.0	6619	61.0	-	02.4	97	
11	dayaru'	000 211	Purnosh		2018:50	\$27655	°004	В	28	93-3	76'3	90'8	77'2	62.9	0	85'4	[Tex	
1 3	iorth Bhagulp	ore		. 67														
1	donuflerpore		MoznGerpres	944	29'673	-	_	ESE	-	98:1	77'0	91.3	75'4	84'9	-	36'8	80	ı
, I	Purbhunga	961 60	Durbhauga	8.4	1001467	297663	+.009	Ber	181	90.8	76'6	89.8	7916	86'0	+0.0	89.7	78	L
. (humparum	004 06	Motibari	3+=	\$9.416	20.81X	-	E	\$1011	9816	70%	9114	78'7	89.1	-	86'4	78	
1 2	erun	910 00	Chupra	101	EB:443		-	3	8911	9918	7718	8913	7819	861		8.8*0	88	
L			Debree	94+	201272	29'616	-	8.8	258'3,	8916	70'9	8816	78'0	87.8	-	88.8	88	1
8	hededada	100 011	Hurar	40-	39"358	29'65H	-	2	96-7	8914	77'4	0710	79'0	68'0	-	8519	79	
			Arrah	***	29*414	107606	-	EBR	140'7	91/6	7616	8819	75'1	84'4	-	86'1	EL	
	lyn	995 8++	Gyn	***	39:221	59181/9	P	10	P	9813	77'3	00'1	77'8	88'3	-1.2	84'5	80	
1	'nioù	900 000	Bankipore	444	391457	201640	-1024	31	184	69-9	78'9	80-1	79'8	84'5	-0.4	89.9	80	1
	outh Bhegulp	EAST	Hhagulpere		20'644	direts	-	8.8	90	8016	77'6,	89'8	7816	66'1	_	85-9	76	H
1	longhyr	200 211																-
	onthal Pergun	,, edan	Doomka	460	201236	-	-	68	18316	8816	19.2	86.8	76'8		-	82'8	01	
	lanuri baga	400 401	Hasarsbagh	***	27'634	391634	062	Ban	186	8616	71.7	8210	71.5	77'6	-1.0	77'3	80	
	ebandurga en		Panchee	Ms	27'817	297633	-	_	atom.	8617	70:3	81.0	71'6	76'6	_	7678	8.0	
	an phoots	850 17.0	-															
B	ng bboots	400 541	Chyobaeen	100	261984	- 1	-	35	8715	8910	7418	87:7	76'2	8810		R\$.0	77	

Espicación.—Semestry.—The normal means of air pressure and temperature are the arithmetical averages or means of the restings during the same The Associate of the thosphere is expressed as a percentage, acturated air being represented by 160. A clear sky is signeded by 0 and an overcast sky actions represented by 160. A clear sky is signeded by 0 and an overcast sky acturated are normally. The normal means are the numerical means or averages of the restingly in that district determined from the returns sont in by the authorization from the instrict (i.e.) the total rainfail at the sub-divisional acturate is the district sensitive for returns, divided by the number of stations. A rainfail

for the week ending Friday, the 22nd August 1884.

				DI	STRICT OF	SERVATIQ	NS.								
74					Rain	WALL.									
Tallorin.	Of we	rok.		nce lat of mo	onth.		nor 15th M	ay.	days.	number, days.	Represent	rtm#fve 125.	Disti	HOT,	
Rainfall of	Menn for district.	Normal menn,	Man for	Vormal Intrap.	Yatindeen,	Vesu for district.	Vormal Heman	wrintion.	lverage min	Normal run of min di					
0.12	-	-	-		-	-	-	-	-	_	Gopalpore	49.	7 1		
0168	1:98	2'81	6.10	9:40	-9:41	\$5:27	38-73	-8.40	8*0	873	Palae Poin	.,,	Ponree	194	. **
-6.3	1'84	3:66	8140	8 87	-0'47	19.70	32'93	-4.10	4.0	8.2	Cuttack	4	Cuttank	117	611
28"0	1,18	3:45	6.38	9:10	-2183	84:18	\$3.84	+0.90	3.8	6.0	Ralasore			100	**
0100	1.48	3147	6:31	19-99	-4'61	39-18	39'50	+0159	3:3	3.5	Saugor Isla	nd	douth-West	Midu	apore
130	9185	3.62	8'37	10.90	-5.50	28:93	34:51	-2.69	210	4.7	Midnapara	**	Midnapore	196	***
	1								j				24- Porgunnah	19	***
2"23	3.88	8*20	7'64	10'09	-2'44	80:05	33140	-58.	410	5'0	Calcutta	4219	Howrah	794	4.0
		\$13.5g	w.h.							416			Houghly	104	10.
1'90	1.03	3,10	5'83	9.62	-6.29	12 15	81.48	-8'24	3'7	410	Burdwan	***	Hurdwag	104	40.
							*		1	0.00	41	1	Bankoora	914	
1.43	3,19	3-26	7.61	9:90	—€,28	23.81	35'36	-12:25	4'5	4'7	genikanto	***	Hearbhoom	500	84
										4.9		ı	West Burdwa		001
14.91	1'06	2.78	8418	8185	-3:27	23 46	, '81'09	8121	2,4	4.3	Berhampore	10	Moorshedabas	,	197
	1108	8'48	6:80	9 80	~\$*00	313100	38.57	-9:29	3.3	6'0	*****		Nudden	P64	845
2145	0.40	8:54	5.85	9.89	-6'57	32'88	87:37	-6'49	3'5	6'5	Jonnore	{	Jessone	601	844
	1100	4144	12'60	17:74	# 165 Pa		0.0100			4.5	431 444		Khouina	80-5	P9-9
195	1'97	4:80		15'14	-6.00	71 '88	88123	-18135	4.2	87	Chittagong	941	Chittagong	600 .	900
	1:80	4.21	9121		-7'93	41'97	88147	-16.90	7.0	5'4	Demageri	0.04	Chittagong H	ll Tra	ola,
108	1*07	3196	6.64	12:60	-5'76	48140	80.98	-8160	4'3	579	Barrieal	001	Backergunge	P4-0	94.0
1'87	1 '25	6/64	30.63	20:38	-6.65	28.68	78 51	20'09	8.0		Noakholly	10=	Monkholly	004	80-1
153	0.42	3.14	5:10	9130	-4.30	98'71	38.90	-10.09	27	4'5	Furroodpore	030	Furreedpore	P00	600
181	0"48	2'01	6.20	10'84	-3'84	33:17	41'68	-8'61	4.0	4'8	Dacca	004	Dacon	849	***
13	2189	\$181	8191	12798	7105	42 51	49'25	-6'74	3.9	8.0	Commillah	41+	Commiliah	060	881
76	0'86	3164	474	9166	-4.6g	36*31	45'40	-10'17	3.0	9.0	Mymonaugh		Mymmningh	460	944
165	0.87	9.08	3'76	8'54	-4'78	36.68	36.65	-10.01	1'8	618	Semigungo	> + 1	Hogra and Pul	one.	200
87	0147	. 9'80	4'02	8183	-6'31	24106	38.93	-0.40	2'7	4/8	Rampore Be	nulosh		163	194
780	0.89	3185	8'08	2018	-8.90	29140	87'93	8'88	3.2	4.2	[htm/tubora		Dinagopore	000	0+1
*56	0:38	2'91	4147	6163	-6:16	26'80	51786	-15'04	7.0	8'6	Eungpore	89+	Rungpore	449	410
-91	8:00	9.31	10'44	10'6a	-6'99	45100	77'08	-11'36	616	67	Julpigeree	}	Cooch Behar	100	+14
			*****		-0.00					411	Desire the s	(Darjeeling Hil	*00	814
106	8768	8168	18.92	25-27	-0.00	85'84	200'86	-24'02	7.0	6.1	Darjeeling	437	Parnegh		litta [
3/	1'04	3:15	0.01	0.21	-8'80	80:27	37:63	-6'86	3'6	41	Purnenh	v. }	North Bharula	919	**:
1													Monuferpore		914
28	9.41	2002	3%1	7'40	-2.88	10:41	27-71	-8:30	1*8	3'6	Durbhunga	}	Durkhunga	449	64.0
10				8103	a-8'49			n.ch		914	Motihari		Chumperun	***	***
16	0:11	8140	6'59	0.01		25'68	29:16	-3:67	1.0	3'6		489	derug.	100	e60 '
'adi	1.08	1 163	0.28	0°41	0165	19738	26128	-6.80	815	8'4	Chupra	100		10-2	***
68		0000	5115	and a	+0'07	18'91	0.0194	_9104		814	Dehrus]	Shahabad		1
33	1'00	3,01	8145	8'88	4.0.01	10.01	26'26	-7:38	278	8.4	Arrah			196	2"
56		4100	0.11	8100	+0'88	19:71	- Grana		8.3	29	дита Сув	10.0	Gya		91
87	3.59	2188	9:15	6:32	-0.56		87186	-6'18	8.0	,	иув Ванкіроги	461	Patua		
100	0.36	2109	6'73	7188	-000	19:48	27'19	-771		9.0	neurila//d	***	Bouth Bhagoto	UEN .	
le l	1'60	2.37	6196	6:30	-1'40	22'33	18154	-6'25	8'3	817	Shaguipore	}	Monghyr	111	
		9,00	644.5	8:74	- 8'88	21'87	32'84	-11'47	318	4/3	Doomka	"	Bonthal Parguin	11/1/19 4	1
74	1149	9.60	6763	D'27	+0.45	23'41	22/08	-9:59	8'0		Hanribagh	.,.	Hanari bagu	***	
58	6.93	2.09	D-68	7 =1							-	4	Lehardugga	074	
n	2190	2:96	7:62	10:27	-3168	23:70	88'71	-8.01	610	6'0	Ranches	{	Manbhoom	406	
			1		-6'13	3016S	20:42	-5'77	410	47	Chyspana		Fingulioua		. []

period for the past one year. The variations are negatives when the mean for the week is less than the corresponding normal mean, and contines when remain, by 10. The number denoting cloud amount represent the part of the eky covered, the whole sky being control by 10. Under the head "district observations for the period in question during the past is years. The means for the district" are the numerical everage of the minimized received day is one on which at least an bundredth of as inch foil.

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 22nd August 1884.

					2.	AINFALL	Na			Tot	al.		}		
division.	District.	Station.	Saturday, 16th	Sunday, 17th August,	Monday, 18th August.	Tuesday, 19th August.	Wednesday. 20th Aurust.	Thursday.	Friday, Mad	Nember of rainy days.	Rainfall of week.	Total min- fall from 1st to find August 1884.	Average total rain- fail from lat to mind August.	Total rain- fall stree lith May 1964,	Average reservable from LSI May to date
1300A vi-	Pooree	False Point	0 01	0.03	1 13 0 46 0 46 0 21	00.0	0°27 0°90 0 00 0 10	0'07 0'18 0'18 0'83	0'89 0'77 0'18 0'11	6 8 5 4	2'50 2'46 2'16 0'71	4186 6189 4170 0182	7'50 10'07 8'23 11'76	26'47 30'12 19'19 27'28	28'8 36'1 31'4 38'6
	Cuttack	Jagatuingpore Bunkt Cuttack Kendrapara Jajpure	0.10	0'6 0'07 0'81	0'45 0'31 0'15 0'23	0.01	2°16 0°63 0°88	0.98	1'00 1'59 0'38	0 0	3'41 3'46 1 34	nrso 11'16 d'is	7'90 7 9'10 10'16 8'19	27 25 27 41 28 76	80
	Salatoro	Chandball Bhuddruck Sorah Balasore Jellasore Baripodah	0 00	0°30 1'11 0'10 0'05 0'30	******* ****** ****** *****	0.80	6°07 0°25 0°22	0°18 0°04 0°32	1'08	3 3 5 6	1'16 1'41 0'19 0'65 0'80 5'18	8'36 8'95 1'70 10'03 6 db 7'36	9°31 6°41 9°49 9°18 8°98	87*69 97*19 <u>1</u> 21*47 47*19 83*10	8318 8316 8318 8418 8418
etu-Wass Innal.	Міфиарого ".	Contai Saugor Island Tumlook Midnaporo Ghattal	0'87	0107	1.10	0.40	\$50 **********************************	0°86 0°86 0°86	9*08	NII	1'60 0'85 1'50 1'66 Nil	7120 3130 5190 5179 6136	10:30 10:35 0:31 10:35	85'85 - 86'80 44'10 84'10 32'75 80'84	32*(37*) 40 4 33*; 52 (57*)
	34-Pergunnaha	Dismond Har- bour, Alipore Jail Harrackpore	0.11	1160	0.05	0.31	0.07	0°63 0°63	0'19	6 4	1°59 1°81 2°97	8'42 6'95 10'19	10°73 10°73 9°23	39:50 32:63 32:00	87°
	Howrah	Bureaget Buseaghat Howrah	9:32 9:56 9:03	0.67	0.06 0.18 1.39	0:18 0:19 0:08	0'20	0.19	0109 0:01 0:02	8	1'61 1'61 1'95	5'42 4'65 10'56	10,12 10,12 10,13	34°53 34°53	85° 83° 85°
	Rooghly	Hohestein (Goloberiak) Hersenpore Houghly Johanabad	0.23 1.00 0.43	0°07 0°65 0°74	0.18	0.19 0.00 0.08 6.74	0.18	0'04	0.81	6 4	0°45 3°14 1°90 1°78	9-16 9-15 7-85	9:47 9:73 32:00	87 155 88 0-3 24 5a 58 00	86 84 20 26
	Burdwan	Culma Burdwan Cutwa Rancogunge	1'05 9'42 9'48	0.38	0.08	0.08	0°#1 0°44 0°36 0°05	0.09	0.01	2 6 3 5	0°46 1°80 0'84 1°48	6743 6791 2766 8765	0'45 0'83 9'60 9'61	24'83 19'21 25 47 27'15	31. 31. 32.
	Sankeorn	Bankoora Bishonpora Majiara Khatra	0.06 0.58	0.96	0.88 0.18 0.81	0.12 0.13	0.18 0.28 0.18	0°36	###### ###############################	8 8 8	1'77 1'88 0'98 1'18	7'10 7'36 6'59 8'71	6.04 5.51 10.82 10.14	80°00 23'89 20'03 20'06	84° 36° 36° 85°
	Basebhoom	Bh. Soory	4705 1"90	0129 0145	0.35	0.11	0108	0.10	0'17	6	4175 \$160	8.15 30.11	10'84	87'88	36
	Nudden	Rainwhat Kishnaghur Choosdanga Menoporo Koustan	0.83 0.83 0.83 1.50	0.04	0.45 0.51 0.63	0'06 0'16	0.02	0°05 0°33	0.30	\$ 5 2 4 5	0'97 1'17 0'61 0'34 1'13	0117 6185 2165 2184 6 42 6182	9 74 10:01 0:04 10:07 8:63 0:04	84134 86187 1(0%) 85 80 8115 9674	86' 83' 81' 36' 81'
	Ehoolma 141	Satkira Bagirinat Eboolina	0.99 0.23 0.30	0101	0.70	0.18	20000E	0.18 0.18	0.18	4 4 5	0.81 1.12 1.01	9.10 9.20	9°73 10°63 9°79	85°59 43'57 41'06	87 48 57
	Jestero	Narall Jeanure Jhoustab Magoorah	0.16 0.19 0.19	0.00	0°14 0°03 0'34	0.00) (4 0 1 7 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0°44 U'10	0.07	2 2 3	0°86 0°53 0°19 0°77	9.13 6.93 9.03 9.38	9:89 30:10 8:89	21:27 34:03 39:06 95:09	34° 37° 38°
	Moorehedabed	Kandi Rampore Haui Berhampore Lalbagh Azimgunge Jungipore Lalgula	0 90 0 90 0 90 0 46 0 46 0 46	0.03	0°94 0°23 0°18 0°17 0°07	0°14 0°08 0°65	0.49	0'05	0'63	6 4 2 3	1°16 1°14 0°73 0°60 1°35	5-05 6-31 8-49 6-76 8-51 6-03 5-98	8768 9783 9783 9783 8783 8703 8708	92 49 94 27 11646 23 39 27 59 41 23 86 43	20. 20. 27. 27. 27. 27. 27. 27. 27. 27. 27.
AT SERVAL	Cilitingong	Cox's Basar Cinttagong	0°04 0'05	1'05	0.36	149110	0.38	0'05	242114	6	1'84	14107	20°21	80'38	108
	Chittageng Hill Tracts.	Ransamati ' Kascha Apartola	716	0.12 1.00 0.42	0.04	0°01 U'79 U'47	1'05	Q*05	0'06	7	1'89 2'87	8:88 8:88	15:14 10:07	41°97 88°80	58'
	Backergunge	Patuakhally Portugepore Burrumi Buoia	0.04 0.04 1 10	0,52 0,10 0,88	0,01	0'40 0'04 0'10	0 95	0.31 0.32 0.30	0104 0140	2 8 6 0	0°90 1'76 0'44 1'20	7°20 9°33 8°10 7°41	12'94 18'29 18'64 18'64	80%0 67%4 60 85 5506	631 461 471 60
	Nonkholly	Noakholly		0125 0125	018% 018	0.03	0'55 0'56	0°10 0°24	8010	6	1'41	12°47 8°77	19'87 20'63	63'73 63'09	77
	Purreedpore	Madaripore Furredpore Goalando	0°18 0°05	0·10	0.415 0.415	0.12	901701 211 m.L	0.35	0'21	2 3 3	0.90 0.20	8185 6100 4106	9 9'89 9'84 9'15	85128 83119 87178	39°
	Dacca	Минавидиция Маниадиция Маниадиция Маниадиция	0°19 0°17 0°16 0°10	0:07 0:06 0:10	0.18	0.0% 0.0%	0.68 0.02 0.08	###### ###### ######	U"30	6	0163 0137 0169 0188	9:01 4:09 6:17 4:30	11'00 11'00 7 8'87	25:06 30:39 25:35 83:23	681 631 7 786*
	Osmills	Comilia Chandporu Prakmunberia	0.40	0166	0,10	0,1%	0.00	0°08	\$09486 4495\$ 4495\$	6 9 6	1.10 0.09 1.10	8:36 R:35 8:18	13'72 15'88 9'80	40'87 50'30 45'87	55° 09° 11
	ory and a state of the	Kuhorugungu Atta siyinonungh Janutporu Antroaona	0.03	6,11	0°01	0.13	0,00	0'11	0.14	NII 4	0:28 Nil 0:06 0:36	8760 616 617 618 618 610 710	9°97 9°05 10 26 9°88	98194 50731 46 96 58166 45169	481°

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 22nd August 1894—concluded.

	4				3	LAINFAL	Lu			Ton	AL,	0			
Meteorological division.	District.	Binsion.	Safurdey, 16th Angust.	Sunday, 17th	Monday, 18th August.	Tuesday, 19th August.	Wednesday, 20th August.	Thursday, tiet August.	Priday, Shid	Number of	Rainfall of greek,	Total rain- fall from lat to 22md August 1866.	Average total rain- fall from let to 23nd August	Total rains fall since 18th May 1864.	Average raining is from 1881 May to date.
North Besoat	Pubus	Pubna Serajgungo	0'81	0'09	86.0	0°11 0°05	0'08 0'11	*****	W\$0.124	8 8	0.40 0.64	4°86 4°86	8:91 8:81	11619G. 11619S	341
	Bogrs en	Bharpera Nowahilla Bogra Panahbibi	0.08 0.08	400144 731717 887167	0.19	##P>(= 	0.10	**************************************	##### ###### ######	NII B NII	Nil 0'31 0'36 Nil	2:86 2:74 2:86 8:00	9:00 6:14 8:34 6:96	#7*78 80*03 81*78 #8*47	41.7 33.7 41.3 35.6
	Bajshahye	Beauleah Nattore Nowgong	0°15 0°15 0°15	0.02	0.08	0.03	0.10	200410 110041	*******	4	0:87 0:15 6:27	5:07 1:55 5:80	9'41 9'61 7	\$3°50 \$4°05 \$4°00	33 1
	Maldah	Maldah	0134	40401	040044	402472	*****	9160	0'05	3	0.70	6'46	7*06	84'03	311
a	Dinagupore	Mohadebpore Churamon Hargunge Dusagepore] Halourghat	0'07	0°30 0°37 0°05 0°19	6-17 U-03	0.00 0.11 0.12 0.84 0.91	0.18	0°36 0°37	******* ******* ******	***	018 0161 1163 0162 0188	2.08 2.74 0.93 9.40	10:80 6:82 8:40 6:93	32:95 35:07 33:25 36:30 30:80	4/2 8/17 3/2 6/5
	Rungpore	Bhawaniginge (tiyahanda).		******	P##### 1	033000	*******	101111		Nil	Nil	4'08	8109	3491	61
	Julpiacree	Runchore Kurngenn Buchagen (Nalphamare,) Julpicoree	0.28	0.44	0°05 0°09	0.10	0 11	744 haa 717 119 801799	111414 444-11 020444	3 1 4	0140 0142 0136	7:52 3:13 3:09	8:15 6:17 12:11	41.59 33.92 83.62	42, 21, 20
, .	Cooch Behar	Dinhatta	0.03	0.14	0.67	0.02	0.03	8010	0:15	6	7'86	7143	17179	76'51 53'87	71) 65:
•		Mekigunge . Matabhayaa .	0.19	421100	******	0.09	0.12	0.84 1.55 2.37	0°38 0°07 0°29	5 2	1'81 1'86 8'04	9.1h 9.4h 9.4h	18'07 17'34 18'01	60:23 63:53 60:43	41. 41.
	Darjeeling Hull,	Buza Silliguri Darposling Kalimpong	2.00 5.27 5.21	0.0h 0.15 0.00	0.720 i 0.720 i	0.82 0.52 0.43 0.43	6°81 '0°43 0°57 0°65	1°17 1°91 0°44 0°62	2140 0170 0140	7 6 7 6	8°16 3'06 6'66 4'60	10'06 10'06 17'71 11'00	33'37 ? 18'14	100 70 62 03 70 04 48 36	76
Fourn hunah	Purneah	Kissengunge., Arrareah Purueah	0'04	40000	0'91	0'80 1'00 0'03	0110 0167	0°22 0°95 0°57	0.10	6	1'06 3'62 0'66	818n 816m 616s	10139 0115 20100	47:57 83:03 80 47	63 60 31
-	North Bhagul-	Maddapore	0" <u>%</u> 0"%	0.73	211 41 884111	0'43	*****	0.52	P#1+P4 VEE+P4	6	1108	7 15 1:47	9104 8163	23:00	31
	Durbhunga	Tajpore Durbbunga Madaubans	0.00	40910	10*444 *********************************	0004 P 4+4+04	0.34	48** *>4>4*	** *** *****	Nit 1	91 B Nil 0'36	6*20 1*06 3*10	7°23 8'34 8'd2	19-35 18-03 18-00	37 120 37
, = []	Mossferpore	Sitamarhi Mozufferpore Hajipore	0.40	0.00	0'23	6.08	******	###### ######	0.71	1 1	0°72 0 06 1°36	57e 2 de 1 3'a;	7'04 7'24 7'76	23:07 17:58 26:71	36 29 26
	Ohum parus	Motibari	500000	*****	47000	143199	*1****	0100		1	0100	1'89	0.13 8.10	22:40 27:51	37 31
	Securi	Gopalgunge Bewan Chuprah	0'04 0'14 1'62	0'11	490000 404140 404140	6,10	100000	0.15	011140 010000 011010	Nii 3 2 3	N11 0'23 0'24 1'80 !	8.03 8.03 8.20	0.05 0.05	27:03 14:80 16:15	27 27 26
SOUR BREAK	Shahabad	Buar Duiree Funbouh busseram Arrah	1.19 1.00 1.00	0.87 0.87 0.85 0.82	0.89 0.89	0'07 0'07 0'05	******** ******* ******	0.51	164*14 468*14 468*14 508*15	4 5 3 3	1°23 2 63 0°2. 1°60 1°87	5'77 13'44 B'50 15'01 472	7188 1 9146 8178 7198	16:77 #4 UL 17:47 83:04 25:08	26 27 27 83
	Gya	Aurumpabad Gya Sowadah Jehanabad	1'91 0'62 0'66	0'93 0'65 0'47	0145 1703 0140	0'89	0.03	20012P	783 D4 18740T	8 8 6	2180 3122 9167 0119	14/83 7/30 4/91 7/55	8195 9112 794 9133	37'83 18'83 19'81 17'94	27" 25 31 27
	Pagna	Patna Dinapore Behar Barrh	0'86 1'70 0'00 0'69	0-0646 FRARE 195400	0.08	0.479 0.072	+34 +84	102.74	940+60 901464 +1-104	1 2	0:69 1:74 6 2 s	8'98 11'43 3'84	7'37 6'63 7'51	20'05, 27'43 11'21 18'00	27 - 25 29
	Monghy?	Beromeral	1°17 0°38 0°70	134	0120	171u 0785 171a	**************************************	0.02	******	4 3 6	21130 21130 21100 21100	5°63 7°29 5°29 13°90	7.54 7.28 9.61 8.25	19753 24, 47 30°19	30 30 30 30
	Bouth Bhagul-	Bhaguipore	0.10	0.10	0.04	0'18	0.19	\$400.000 acress	*** 1000	5,	0'37 0'74	1'95 5'94	7 'IM 8'57	26'90	27
	Southal Pergunaka,	Ra mahal Gooda Pasour Nya Doomin .	3130 0144 0 36 0146	0°18 0°08	0.33	0.52	0.13	0,18	40.117	4 2 3 8	1°74 0'80 1'05 1'45	3'53 2'21 8'48 4'04	6'83 9 76 7 25 10'91	25:33 10:10 21:00 17:00 10:04	31 ad 31 31
Georga Ras- PUR.	Anaribagh	Paclanda Paclanda	0125 1126 0127 0100	0.00	0.90	0.12 0.12 0.00	0.67	\$5=242 \$24+0\$ 604+66 -2420\$	0.00	5 5 0	1.01 4.18	5'48 7'92 4'97 16'36	8'45 8'45 10'28 6'57	19 07 17 04	31 31 31
	Lobarducça	Lohardugga	0.02	0°34 0°13	0.18	0:53 0:60	0.12	0.08	494399	5 5	1:08	8167 10107	9'81 11 13 8'24	21.20 21.20 52.20	35
	Naghboom	Chyobassa	0120	*****	0.00	0100	0.53	*****	100044 0P4 17*	1	0.00	7:00	11:21	20.07	2914
	Manbhoom	Purnin	0166 N146	0:03	0.00	0119	0.30	241188 AN 88	001	ā	0.20	6105	11700	1176	310 SA 12 SA

Explanation .- Indicates that no rain has fallon. If the return for any day has not been recurred, the corresponding upmos is left blank. If some of the returns

CALGUTTA,

Јони Ешот,

The 25th August 1884.

Meteorological Reporter to the Gost. of Benga!.

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL DURING THE WEEK ENDING THE 22ND AUGUST 1884.

The meteorology of the past week contrasts strikingly with that of the previous week. A rapid rise of the barometer, which extended from the 16th to the 20th, indicated the commencement of a broak in the rains. It was first established in those divisions in which rainfall has been most deficient during the past month or six weeks, namely North Bengal and Behar and East Bengal, and afterwards extended to the divisions which have received favourable rainfall, or to South Behar, Chutia Nagpur, South-West Bengal and Orissa. The rainfall of the past week has hence been much below the average in all districts, but the deficiency is most marked in North Behar, North and East Bengal Julyigoree is at present a curious is most marked in North Behar, North and East Bengal Julingorce is at present a curious example of a station in an area of deficient rainfull, receiving excessive rain. The sub-divisional rainfall returns show that, on the average, South Behar and Chutia Nagpur received very nearly 50 per cent. of the normal rainfall of the week, South-West Bengal, 40 per cent. and Orissa 65 per cent. On the other hand, North Bengal, has only obtained 28 per cent. and East Bengal and North Behar 25 per cent. Several districts in the three latter divisions have barely received ten per cent. Amongst those are some which have received very deficient rainfall during the whole season. The following are those districts which have received a rainfall of 10 per cent. or less during the week:-

District.						ge rainfall week.
Chumparun		111	4 + +	1 0 4	600	5
Bogra, and }	9 + 0	• • •		104	***	9
Rungpore	•••		***	***	***	10
Mymensingh	4 4 4	* +4+	0 1 0	4 4 0	**4	10

Pressure—Was considerably below the average at the commencement of the week under review. It increased slightly on the 16th and 17th, and rapidly on the 18th and 19th. The total rise of the barometer between the 15th and the morning of the 20th varied between a quarter and three-tenths of an inch in Bengal and Behar, and was greatest in East Bengal. Pressure diminished rapidly during the remainder of the week, and was on the 22nd slightly below the normal in Orissa, South-West the week, and was on the 22nd slightly below the normal in Orissa, South-West Bengal and North Behar, and above it in the remaining divisions. The mean pressure of the week was slightly in excess in East Bengal and normal in North Behar. It was in defect in South Behar, Churis Nagpur, South-West Bengal and Orissa. The deficiency was greatest at Calcutta and Saugor Islaud.

Temperature.—In consequence of the large rainfall in Behar and other districts during the week ending the 15th, the temperature was considerably below the normal at the commencement of the past week. Showers fell over the greater part of the Province until the 19th or 20th, and temperature continued below the average. With the ceasation of rain in the interior, the temperature increased, and was slightly above the normal at the end of the week. The mean temperature of the week is hence generally below the average by small amounts, in no case exceeding 1½°. The highest day temperatures during the week occurred in North Behar, at Mozufferpore (98.1°), Motihari (92.6°) and Chunga (92.5°).

below the average by small amounts, in no case exceeding 12. The nightest day temperatures during the week occurred in North Behar, at Mozufferpore (98.1°), Motihari (92.6°) and Chupra (92.5°).

Winds—Have been unusually feeble during the week. They were approximately normal in direction over the greater part of the Province. The relatively low pressure in the aouth-western districts of South-West Bengal and Orissa, and high pressure in East Bengal, gave an unusually strong easterly element to the southerly winds in South Bengal. The winds in Chutia Nagpur were from the South-East and East, and hence indicate that the Bombay branch of the monsoon current did not extend so far across the continent, and did not influence the weather in Bengal at all during the week.

did not influence the weather in Bengal at all during the week.

Rainfall.—The past week has been an unusually dry one over the greater part of the rince. Frequent light showers occurred in Orissa and South-West Bengal during the Province. whole week. They were all more or less local in character, and the total amounts received by the various recording stations were in no case large. In East Bengal, light showers fell on every day until the 21st, but the amounts were very small, and gave an average of less than an inch, or less than 30 per cent. of the normal amount. The rainfall of the week was even smaller in amount over the greater part of North Bengal and North Behar.

Practically the break in the rains extended over the whole week in those divisious. A few local showers of little importance fell between the 16th and 20th, when the break became more pronounced and clear weather set in. The only districts in that area which received moderate rain were the Julpigoree, Cooch Behar, and Darjeeling districts. Julpigoree obtained heavy local rain on the 21st, which give it 6.94 inches. The area of most deficient rainfall in the Province during the whole season, includes the greater part of Durbhunga, Mosufferpore, Chumparun and North Sarun. During the past week a large

portion of that area was practically rainless.

South Behar and Chutia Nagpur on the other hand received showers of moderate intensity during the first four days of the week, when the break extended over the whole of the interior of the Province. The rainfall in that area was, as last week, largest in amount in the Shahabad and Gya districts of South Behar, and the Hazaribagh district of

Chutia Nagpur.

The preceding remarks also give the time distribution of the rainfall of the week.

The rapid increase of pressure at the commencement of the week accompanied a break in the rains. This commenced in North Bengal and North Behar at the beginning of this week, and extended to South Behar, Chutia Nagpur, and East Bengal on the 20th or 21st, and to South-West Bengal at the end of the week.

The only district which received normal rainfall during the week was Hazaribagh.

The only district which received hormal rainfall during the week was Mazaribagh.

The following districts received between 80 and 90 per cent.:—Cuttack and Gya;

hetween 70 and 80 per cent., Pooree; between 60 and 70 per cent., Bancoora, Beerbhoom,

Bhagulpore and Darjeeling; between 50 and 60 per cent., Chupra, Julpigoree, 24-Pergunnahs, Howah, Hooghly and the Sonthal Pergunnahs; between 40 and 50 per cent.,

Balasore, Commillah, Shahabad and Bankipore; between 30 and 40 per cent., Burdwan,

Moorshedabad, Nuddes, Chittagong, Purneah and Burisal.

The following table gives the actual percentage amount received by those districts, the

rainfall of which was less than 30 per cent. of the normal rainfall of the week :-

	DISTRICTS.			Percentage rainfall of week.	Percentage rainfall of month to date.
Јенвоте		4 + 4		28	54
Midnapore	***	***		23	50
Durbhunga and Mo	zufferpore	4 5 0		20	46
Noakhally		0.04		19	52
Dinagenore			9 4 0	19	58
Rajshahye				17	46
Dacca	9 0 A		9 9 9	16	66
Furreedpore	n + 5		* 1 4	13	55
Mymensingh	***			10	4.9
Rungpore	1 > 1		9.4 1	10	51
Bogra and Pubna	000	* * *	* * *	9	4-4
Chumparun	***	449	A 4	4	56
* .	***	7 0 4	***	9	4-1 56

The preceding table shows that the districts which have received a rainfall of 20 per cent. or less during the past week include a large portion of East and North Bengal and the central and western districts of North Behar. Also the total rainfall of the present month up to date in these districts is very considerably below the average, the amounts actually received varying between 44 and 66 per cent. of the normal rainfall of the period

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the Province for the week ending Friday, the 22nd August 1884:-

					l'ampi	RATU	EB.						BAIN P.	ALL.				
			S Week.	week.	Avera	ures for	r week.	k above or		Of wee	ik.	R	niny da	LY11,		e ist Tuly,		o 154h
DIVISION		AL	Highest observed during week.	Lowest observed during	Of Highest of each day.	Of lowest of each day.	Of mean for each day.	A Potage menn of week a below normal mean of	Average,	Vormal everage	Variation.	Average puraber in week.	Normal average num- her in week.	Variation.	Avenae.	Normal average,	Average,	Normal average.
Urtson	***	***	B1.4	73'8	8616	7817	6217	-1.5	1.74	3.05	-0.88	3.6	319	-0.3	6191	9°21	30:13	3512
South-West Ben	Log	***	9016	7818	RK-18	78'8	82.3	-0.A	1.20	3'21	-1188	316	616	-0.7	0.10	9186	29104	34178
Rest Renaul	***	***	BSI III	60.05	160.5	76'8	81'8	-0°8	0.05	3173	-2:81	318	410	-11	7100	12 02	42.75	83.50
North Bougal	444		70,4	7511	8814	2714	8270		0'99	3145	- 2165	2:9	613	-1.1	5154	10:31	37147	625166
North Behar	44		881	7613	100	78'3	84'5	+0.9	0.62	2145	-1182	2:1	3.0	-1.5	4175	8'10	86,14	Surres.
outh Bohar	40+	6+1	9975	7513	89.1	78'3	8312	-0.5	1'49	2:50	-1'07	8.1	2.0	-0.5	6'99	8120	20152	25192
Chusia Nagpur		10.1	84"4"	70'8*.	H3:10	72'10	77'3"	-1100	1168	eren	-1143	616.7	616	0. 1	H115	2199	55100	32.78

· Chyebama not included.

MRTHOBOLOGICAL OPPICE, BENGAL;

JOHN ELIOT.

The 25th August 1884.

Meteorological Reporter to the Govt. of Bengai.

Results of the Meteorological Observations taken at the Alipore Observatory iron 17th to 23rd August 1884.

			bright	Serpanetor	1	Compen	ATUES	4		Нтевоз	KWTET		Wind.				7,3
Mosth.	Date.	Maximom in sug.	Number of hoursel	Mean pressure hars at 32° Fahr.	Mean,	Maximum.	Range.	Kininge.	Mosa wot bulb,	Vapour tension.	Der point,	Humidity.	Prevailing direction.	Miles recorded	Rein,	WBA	Tura.
1884		0		Incho.	0	÷	6	0	0	Inches	0	%			Inches		
ug.	17th	168-6	2.6	29:473	61.9	86.4	8.0	78'4	79-11	0.062	78'9	68	WSW, SW and calm	89	1.86	Chiefly	cloud
	16th	143'5	Nil	-493	82 5	86 H	8.6	78'2	79.5	-968	78.3	87	SE, colm and variable.	48	0'01	Chiefly	cloud
10	19th	150-9	ps.	-594	83.0	86 p	8-7	78 2	79.4	-057	77 9	8.5	SE by S and SSE	160	0.18	Chiefly o, p, d.	
90	20th	151-5	7.5	*676	88.3	88.0	6.6	76'2	79:4	.088	7718	84	SSE and S by E	125	Nil	Chiefly	cloud
29	Blat	148.9	7.0	*655	81.7	86.1	9 &	77.6	76-7	'941	77-6	87	SSE and SE	106	0.00	Partially 0, p. t,	cloud:
9.3	92pd	153-0	0.0	*633	82.1	87.8	0.7	.,78-1	79'1	-986	77·8	87	SE by S and SE	94	Nil	Chiefly 1.	eloud
н	23rd	159.8	7.6	'876	82.4	99.6	10:4	78'2	79 0	1945	77 6	85	SE by E and SSE	107	O-16	Chieffy	cloudy
1				re of th											90	1600	
T	he to	stal nu	ımbei	of ho	urs o	f brig	ht su	nobin	е.	• •	yea:	rs, i	3. G.'s Office	***	29 H	592 ours.	
7	he to	stal nu	ımbei		urs o	f brig	ht su	nobin	е.	• •	l yea	rs, &	3. G.'• Office	***	29 H 29 89	'592 ours. 4	
7	he to	ntal nu naximu nean te	imbei im po empei	of hossible rature operature	urs or	f brig er of e seve	ht su hour en day	nuhin s of s	e . uushii	ne		000	6 B B	***	29 H 29 89	1592 00m. 14 15 3	
7777	The management of the manageme	ntal nunaximu	emper	r of ho essible : rature (perature ation o	urs or numb of the	f brig er of e seve	ht su hour en day	nuhin s of s	e . uushii	ne		year	s, S. G.'s Office	400	29 H 29 89 82 83	592 oum. 14 0:5 0:4 11	
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above the ground.

above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No. 86 formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions of the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o overcast, g gloomy, p passing temporary showers, d drizzling rain, t thunder, < lightning.

JOHN ELIOT,

METROROLOGICAL OFFICE, INDIA, . Calcutta, the 25th August 1884.

for Meteorological Reporter to the Government of India.

MEMORANDA.

The births and deaths registered in the first class Municipalities in Bengal during the week ending 9th August 1884 amount to 490 and 808, respectively, and yield the proportions in relation to population exhibited below, in contrast with the similar results of the preceding week ending 2nd August:—

					produ	TABLERING AND		- 6
Distin					Dth	August 1884.	2nd August 1884,	200
Births	0.0 4	* 0 *	4.4.1	110	0 h n	19.3	18.9	
Dentha	6.0.0	4 = 4	0 % 0	0.04	114	31.8	28.8	

indicating a fair advance in the registration of deaths.

2. The Municipalities which returned the highest birth and death rates were:

Births.

Deaths.

	221	1.010-01				Was Collected	24.		
				Ratio per mille.					Ratio per mille,
Bhagulpore				40.7	Monghyr			4 + 0	94.0
Serampore	***	***		30.2	Gya	0+0			765
Gyn	***	***	+ + 1	8H-9	Hhagulpore	447	0.11	7 - 1	47:1
Monghyr	***	844	* 6 *	24.4	Poori	***	***	0.00	40.7
					Burdwan	***	***		8917
					Putna	114	44.0	***	35 4
					Purneah	***		* * *	311
					Chittagong	000		4 4 9	30.2
				ĺ	Kichnaghur	114	4 + 2		30:3
				1	Suburbs of C	alcutta	***	4.1	29.4

3. The principal diseases specified in the table appended to this memoranda proved fatal at the rates exhibited below:—

				PRESIG		THE MEGER CROTHS-
				9th		2nd Amerist 1884.
Cholera	444	***	4.6.0		4.1	3.1
Small-pox		***	***		.3	.2
Fever	0.21		* * *	***	14.7	1200
Bowel-complaints		4 6 >			4:6	5.2
Injury	911		4 * 4	***	-4	+7
Other causes					741	7.3

showing that, in comparison with the preceding week, there occurred a noticeable increase of mortality from cholera and fever, particularly from the last-named disease.

4. While the fatality from small-pox and injury was nowhere high, the Municipalities named below were reported to have returned the highest death-rates from the rest of the diseases specified above:—

Cholar	·a.	Fover	a	Bowel-comp	lainta.	Othe	r causes.
	Ratio pe mille.	r	Ratio per mille.		Ratio per	r	Hatio per mille.
Monghyr Gya Poori Arrah	47-9 19-8 10-7 7-2	Gya Monghyr Purneah Burdwan Bhagulpore Chittagong Kishnaghur	\$2.8 \$1.6 27.7 27.5 24.4 23.6 22.7	Bhagulpore Monghyr Patna	10.9	Gya Poori Suburbs of Dacca Patus Bhagulpore	15-7 15-0 Calcutta 11-6 11-6 10-1 9-9

5. The mortality of the week distributed under the heads of Sex, Class and Age stands as follows:— According to Class. Assending to Sen According to Ans

ARCCOLUMN TO 12	azocor diving to	C.10.40.	28 CC 07 (8)	my 10 2191	
Ratio per mille Males 812 Females 326 Ratio of male deaths to every 100 female deaths 109		Ratio per mille. 31% 32.9 29.2 48.4	Under 1 year 1 and under 1 5 10 10 17 15 20 20 30 80 44 40 56 50 69	5 years	Ratio per mille. 284 8 622 25 4 21 7 18 8 1 × 6 19 1 21 1
			60 years and u	pwards	62.0

R. Ladderdale, M.D., Deputy Surgeon-General, Sanitary Commissioner for Bengal.

The 25th August 1884.

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2	1	-	deaths to nesths.	olam lo ostafi olamel 00f Trava	160	10	9 1	63 11 11 11 11 11 11 11 11 11 11 11 11 11	105	118	SE	2.	E	1 12	naio d	83	p of tru	88	100	2 4	10		116	101	116	8	8	9	100
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OFFICE OF SANITARY COMMISSIONER FOR BENGAL,
The 25th August 1884.

R. LIDDERDALE, M.D., Deputy Surgeon-General, Sanitary Commissioner for Bengal.

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL. NUDDEA RIVERS. Statement showing the total amount of Traffic and Tolls on the Jellinghee River for the month of July 1884.

Sumbar of Boats,	NATURE OF CARGO.	W. L. L. a. a.	42.4			Tollage.		
		Weight of cargo.	Value of cargo.	Msunds.	Tons.	-		
	LOCAL TRAPPIC.	Mds.	Rs.	8		Rs.	A. 1	P.
38	Paddy	9,525	16,668	18,850	673	141	6	0
62	Rice	5,600	16,800	11,375	406	85	5	0
125	Wheat	50,925	1,01,850	99,800	3,564	748	8	0
26	Gram	10,475	20,950	19,075	. 681	143	1	0
62	Pulses and other crops	25,375	50,750	49,350	1,762	370	2	0
2	Fruits and vegetables	300	600	700	25	5	4	0
5	Jaggery	600	2,400	1,325	47	13	4	0
238	Salt	48,525	1,33,443	95,975	3,427	959	12	0
2	Ghee	200	5,600	600	21	6	0	0
4	Oil	750	6,000	1,625	58	16	4	0
1	Khari salt	500	750	1,100	39	11	0	0
163	Tobacco	49,975	1,74,912	97,925	3,497	979	4	()
65	Jute	21,550	64,650	42,325	1,511	423	4	0
36	Linseed	15,200	45,600	31,150	1,112		10	0
54	Mustard seed	21,575	86,300	40,900	1,460		12	0
8	Ghooting	1,950	487	3,775	134	9	7	0
17	Unwrought timber and		1	1		00	7.43	
	piles, 241D + 45G	******	******	400	101.00		13	0
1	Bone	200	50	400	14	2	0	0
26	Bamboos 25,250	04 705	1,97,800	48.550	1,733	20	4	0
98	Miscellaneous	24,725			670		8	0
22	Coal and coke	9,975	4,987	18,775	010	93	14	0
1	Earthware and earthen-	50	12	125	4	0	2	6
42	Office a state	62,950	15,737	1,01,750	3.633	254	6	0
	m . 1							_
1,098	Total	3,60,925	9,46,346	6,85,450	24,471	5,407	2 .	6
1,158	Total of same month last year	3,82,150	10,75,147	7,07,700	25,263	6,049	5	6
	Miscellaneous.							
678	Passenger boat			*****		325	19	0
209	72	*****		1,20,925	4,318	151	2	6
9	Officials	2,625	2.625	5,000	178	50	0	0
2	Gunny	900	9,000	1,850	66	18	8	0
~								V
898	Total	3,525	11,625	1,27,775	4,562	545	6	6
								N.
774 -	Total of same month	510.00				- 5.18	1	N.
- 8	last year	13,875	1,33,575	99,650	3,557	649	1	6
	w				1			
-	44					-	-	
	* * * * * * * * * * * * * * * * * * * *	- 0.04.400	0.00.000	0.00.000				A.
,996	Grand Total	3,64,450	9,57,971	8,13,225	29,033	5,952	9	0
	3-7 -		to I	L. Carlot	A LAND			
000	County Date 1	100	F					
,932	Grand Total of same month last year	3,96,025	12,08,722	8,07,350	28,820	6,698	7	0
		M	EMORANDUM.		Ra. A. P.			-
3	Unrecovered balapre Amount of follage fo			101 110 110				
+	Amount of tollage fo	r the month	000 -100 000 000		5,952 9 0			
				Total	0 6 286,8 0 6 286,8			

N.B.—In the statement for July 1883, Gunny, Olicake and Empty were shown under "Local Traffig," and Rafts of timbers and bamboos under "Miscollaneous."

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL. NUDDEA RIVERS. Statement showing the total amount of Traffic and Tolls on the Matabhanga River for the month of July 1884.

Number	The second second	ТАРУВО	RIMATE	TONNAGE OF	BOATS.	
of Bonts.	NATURE OF CARGO.	Weight of corgo.	Value of onego,	Maunda.	Tone,	Tollage.
	LOCAL TRAFFIC.	Mds	Rs.			Rs. A.
10	Coal	4,650	1,743	7,025	260	35 2
- 2	Cl	500	125	1,000	37	5 0
6	Clare -	700	7,000	1,900	70	19 0
2	0-3	800	37			
0. 7	190			825	30	1 0
	Iron	1,285	6,425	4,425	163	44 4
1	Brass	25	1,000	175	6	1 12
51	Jute	41,946	1,67,784	90,150	3,338	901 8
1	Mats	5	5	200	7	2 0
77	Paddy	14,762	22,143	30,050	1,112	225 6
279	Rice	1,92,472	6,25,534	3,81,900	14,144	2,864 4
24	Wheat	9,031	20,326	16,225	600	121 11
41	Gram	12,975	22,706	21,350	790	160 2
123	Other cereals	66,404	99,606	1,07,075	3,965	803 1
49	Linseed	22,895	85,856	47,075	1.743	353 1
65	Mustard-seed	44,140	1,76,560	84,275	3,121	632 1
3	Other oil-seed	847	2,544	3,100	114	23 4
21	Other oils	2,514	30,168	11,525	426	115 4
58	Oil-cake	15,426	15,426	35,900	1,329	359 0
3	Fruits	250	500	750	27	5 10
12	Vegetables	693	693	1,700	62	12 12
11	Tobacco	1,705	6,820	8,375	310	83 12
3	Saines	150	3,000	3,425	126	34 4
18	Minama ania	2,705	16,230	12,100	448	121 0
1	Comme and and	2,100			13	3 12
î	TV	7	30 70	375		
12		1,333		125	4	
149	Jaggery		7,998	2,825	104	28 4
	Salt	63,151	1,89,453	1,46.125	5,412	1,461 4
1	Cattle	50	500	100	3	1 0
1	Horns	6	120	1,000	37	10 0
6	Bones	800	200	1,725	63	17 4
55	Miscellaneous	12,586	1,25,860	29,400	1,088	294 0
163	Empty boats	111101	+****	111400	FRANK	165 13
1,256	Total	5,14,318	16,36,459	10,52,200	38,952	8,906 12
1,174	Total of same month last year.	4,72,686	12,53,600	9,90,900	36,686	8,697 3
34	Misoellaneous.					
4	Laden steamers, coal					-
	23,000 maunds, sun-	AN 504				
	dries 600 maunds	23,600	14,625	55,100	2,040	413 4
1	Empty steamers	*** **	*****	*****	******	3 0
1207	Laden flats, coal					
	30,000 maunds, sun-					
	dries 43,900	73,900	4,50,250	81,400	3,014	610 8
	Timber D28, G9	610	1,490	*****	*****	12 3
2	Rafts bamboo, 150 in					
VEXP	number	75	15	*****	*****	0 6
455	Passenger, &c	*****	*****	00000	*****	193 4
469	Total	98,185	4,66,380	1,36,500	5,054	1,232 9
513	Total of same month	53,880	5,87,280	1,08,200	4,002	1,120 10
,725	last year. Grand Total	6,12,503	21,02,839	11,88,700	44,006	10,139 5
	Grand Total of same	5,26,566	17,90,830	10,99,100	40,688	9,817 13

MEMORANDUM.